Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

Volume 138
Number 8

SINCE 1871

August 19, 1940

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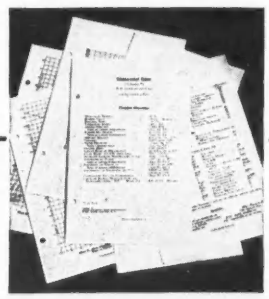

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Volume 138 **August 19, 1940** **Number 8**

F.T.C. Arraigns Buyer Paid by Seller

Charging that the acceptance by a buying agent of commissions from sellers is in violation of the brokerage provisions of the Robinson-Patman act, the Federal Trade Commission has issued a complaint against Isaac S. Dickler, this city, who buys fur garments from local manufacturers for some seventeen retail dealers in various States. The charge is that, in the course of the purchasing transactions by the respondent sellers have, since June 19, 1936, paid to the respondent commissions based on a certain percentage of the sales price agreed upon, and the respondent has received and accepted such commissions on purchases of merchandise by retail buyers in whose behalf he has been and is in fact acting.

This complaint and a similar one against Harry M. Bitterman follow representations made to the commission by the Fur Garment Traveling Salesmen's Association. It is basically different from the charges in the brokerage cases involving the Great Atlantic & Pacific Tea Company and Oliver Brothers, in which there was evidence of the passing to the buyer of all or a substantial part of the commissions paid by sellers to the buyer's broker.

It was argued by the fur salesmen that the mere payment of a buyer by a seller was in violation of section 2 (c) of the Patman act because a buying agent could not legally be also performing a service for sellers from whom he buys. The salesmen's application was handled by Mitchell M. Shipman, this city, as special counsel. In a commentary on the new issue presented in this case Mr. Shipman says:—

The question thus presented itself concretely whether or not the Federal Trade Commission will take the position that I have contended for many months as the correct one to the effect that section 2 (c) of the Robinson-Patman act should be construed to prohibit the payment by a seller to a buyer's broker or agent and the acceptance by such broker or agent of a commission for the purchase by the broker or agent from the seller for and on behalf of the buyer. The issuance of these complaints by the Federal Trade Commission thus for the first time brings

—*Continued on page* 32

Vitamin Labeling Hearing in October

OPD Washington Bureau
August 15, 1940

A new draft of proposed regulations on labeling dietary foods and vitamin and mineral preparations will be issued by the Food and Drug Administration probably the latter part of this month, with a notice of public hearing thirty days later.

Tentative plans were to schedule the hearing for the middle of September, but it will not be held until the first week in October or possibly later because of other hearings and court cases which officials must attend.

Hardwood Charcoal Price Plans Hit

OPD Washington Bureau
August 13, 1940

Price-fixing agreements tending to eliminate competition in the hardwood charcoal industry and other practices deemed to be in restraint of trade, are prohibited under an order issued by the Federal Trade Commission against producers of approximately 65 percent of the nation's output of that material. The order is directed to certain distributors, as well as to producers.

A total of twenty-two respondents are involved, as follows:—

Clawson Chemical Company, Cliffs Dow Chemical Company, Crossett Chemical Company, Custer City Chemical Company, Forest Products Chemical Company, Genessee Chemical Company, Gray Chemical Company, Hardwood Charcoal Company, Heinemann Chemical Company, Thomas Keery Company, Kinzua Valley Chemical Company, Manufacturers Charcoal Company, Mayburg Chemical Company, Morris Chemical Company, Oswayo Chemical Company, Otto Chemical Company, Penn Charcoal & Chemical Company, Tennessee Eastman Corporation, Tennessee Products Corporation, G. H. Treyz & Co., Estate of G. I. Treyz, Union Charcoal Company of Pennsylvania.

The commission found that some or all of the respondents entered into

—*Continued on page* 42

Army to Buy f.o.b. Factory And Accept Split Bids

OPD Washington Bureau
August 14, 1940

The Quartermaster-General of the United States Army today informed the Coordinator of Defense Purchases attached to the National Defense Advisory Commission that two new policies have been adopted in connection with the purchase of large quantities of critical and essential items by the quartermaster corps.

The first involves acceptance of bids on f.o.b. factory or plant basis. Under this policy the government will take delivery at the plant, and the contractor will not have to include transportation in his bid. The second will allow split bidding. Bidders may now contract for only part of the entire order.

These two policies, worked out by the office of Donald M. Nelson, Coordinator of Defense Purchases, and the office of the Quartermaster-General, are expected to enable industry to receive a much wider distribution of orders throughout the country, to enable small businesses to participate more directly in supplying the defense program, and to promote the earliest possible deliveries of materials needed by the armed forces.

Destination Not Disclosed

Hereafter, bids on large orders may be invited on an f.o.b. factory or plant basis. Awards will be made to the lowest responsible bidders, disregarding cost of transportation from plant or factory to government destination. No reference will be made to possible destination. In other words, the invitation will call for a certain quantity f.o.b. plant for shipment to any destination that the interest of the government may require. In all cases where the government is to furnish material, bidders will be informed that such material will be delivered to the plant or factory without expense to the contractor. Invitations will advise bidders that the earliest possible deliveries are required and the government reserves the right to give preference to early deliveries. This policy will allow plants far removed from government depots to compete successfully with plants located near the depots.

Under the new policy of accepting split bids, invitations for bids will advise bidders of the maximum and minimum quantities which may be awarded to any one bidder. No award will be made to any bidder for a quantity in excess of the stated maximum or for less than the stated minimum. Bidders should indicate the minimum quantity for which they are willing to accept an award, since the minimum which the government is willing to consider may be lower than that which some bidders would be willing to accept.

Award Based on Capacity

However, no award will be made to any bidder in an amount in excess of any quantity the bidder is capable of manufacturing with present equipment and normal operation within the time limit set forth in the invitation.

Under this policy the smaller manufacturers who have heretofore been unable to bid on army orders because the orders were placed in large quantities will have a chance to compete for portions of those orders. Because of the preference given to time limitations, the small businessman will be in a very favorable position to go ahead on defense orders.

Harry J. Schnell Has Business Jubilee

Harry J. Schnell, editor and general manager of the OIL, PAINT AND DRUG REPORTER and its associated publications, *Druggists Circular* and *National Painters Magazine*, completed August 18 fifty years of continuous intimate connection with their publishing. The members of the editorial and business office personnels reminded him of this fact in a surprise gathering late last week, and presented him with an appropriate souvenir of the golden occasion and a testimonial of their appreciation and loyalty.

Harry J. Schnell

Harry Schnell was a boy of fifteen when he became an assistant in the mailing department of the publishing house which he now heads as president and treasurer of the Oil, Paint & Drug Publishing Company. He continued his schooling in the evenings of his workdays, completing extensive courses in business practice and business law. At the same time he applied himself diligently to progressively different aspects of the publishing business and in a few years he was functioning as assistant to the general manager and shortly thereafter was filling the position of business manager of the three publications.

His studious attention to the affairs of the industries served by the pub-

—*Continued on page* 35

F.W.D.A. Convention To Stress Cooperative

Cooperative trends in merchandising will be specially stressed at this year's (the twenty-fifth) convention of the Federal Wholesale Druggists Association. Speaking of plans for the meeting, S. C. James, president of the association, said recently:—

Since the organization of the F.W.D.A. in 1915 there has been a decided growth in the importance of the retailer-owned wholesaler in the field of drug distribution. In view of these developments, as well as the increasing consumer interest in their operations, I am very glad to announce as president, that one of the morning sessions at Hot Springs will be devoted to a general discussion of what this movement means.

We have been most fortunate in securing as one of our speakers, Hector

—*Continued on page* 32

Inert Materials for Admixture With Paint Pigments

By Wayne R. Fuller

Technical Director, American Marietta Company

Contributed to American Society for Testing Materials and Reprinted from ASTM Bulletin

The subject of this paper refers to the materials commonly known as extenders. Considerations of time and the author's knowledge dictate that the discussion be confined to one phase of the subject; namely, the influence of extenders on the properties of paints.

In the mind of the layman there is a persisting suspicion that extenders are used for just one purpose: to reduce the cost. That this is one of the important, and legitimate, functions of extenders there is no denying. It is no less true that on strictly technical grounds extenders are among the most useful tools in the paint formulator's kit. This utility is being constantly enhanced by two developments:—First, new and improved types of extenders; second, increased use of pigments having high hiding power, which indicates the use of larger amounts of extenders and thus increases their effect on paint properties.

The problem would be simplified if we could make a neat classification of extenders on the basis of source, composition, or some single physical property and then show a direct relationship between this classification and paint-making properties. As every paint chemist knows, this scheme will not work. The author is unable to improve on the conventional classifications of extenders, one arrangement of which follows:—

Barium sulphate
  Natural—barytes
  Precipitated—blanc fixe

Calcium sulphate
  Gypsum, terra alba
  Plaster of Paris
  Anhydrous

Calcium carbonate
  Whiting—natural
  Precipitated

—*Continued on page* 44

Note:—Discussion of this paper is invited, either for publication by the American Society for Testing Materials or for the attention of the author. Comment should be sent to headquarters of the society, 260 South Broad street, Philadelphia.

Closing Markets

Tin Salts Steady

Prices for various tin derivatives held unchanged late in the week. Straits spot tin closed at 50¾c. unchanged from previous day.

Cottonseed Oil Steady

Refined cottonseed oil futures were steady on Friday. Trading was quiet, many operators being disposed to hold off for further developments in outside market. Final prices were about 18 to 20 points below the closing quotations of the previous week, with January and December at 5.50c. Southern markets remained quiet. Lard was moderately higher.

TAPPI Fall Meeting In Seattle August 20

The Technical Association of the Pulp and Paper Industry will hold its Fall meeting at the University of Washington, Seattle, August 20-23. Among the papers to be presented are:—

"Studies on Absorption of Sulphur Dioxide," Warren L. Beuschlein, University of Washington.

"Nitric Acid Pulping," A. T. Walton, University of Washington.

"Pulping of Douglas Fir by Sodium Sulphite," K. A. Kobe, University of Washington and L. C. Haffner of Portland, Ore.

"Chemistry of Bark and Its Relations to Paper Making Problems," H. L. Lewis, Institute of Paper Chemistry, Appleton, Wis.

"Applications and Limitations of the Rod Mill," Sidney D. Wells, Institute of Paper Chemistry, Appleton, Wis.

"Use of Soda Ash—Sulphur in Sulfate Recovery Units From the Operating Viewpoint," W. L. Gillespie, Gaylord Container Corporation, Bogalusa, La.

"Structure and Formation of Lignin," J. L. McCarthy, McGill University, Montreal, Canada.

"Recent Advances in the Chemistry of Lignin," F. E. Brauns, Institute of Paper Chemistry, Appleton, Wis.

"Chemistry of Butanol Lignin," A. J. Bailey, University of Washington, Seattle, Wash.

"Influence of Dyestuffs on Paper Opacity," E. R. Laughlin, E. I. du Pont de Nemours & Co., Wilmington, Del.

"Notes on Application of Starch in Paper Making," B. W. Rowland, Institute of Paper Chemistry, Appleton, Wis.

Nitrate and Iodine Plant Asked in Chilean Bill

Santiago, Aug. 14, 1940

The creation of a State corporation for production of nitrate and iodine, with a proposed capital of 295,000,000 pesos, was embodied in the first draft of a bill introduced in the Chamber of Deputies today. The bill plans establishment of a modern mechanized plant to refine nitrate from the Pissis and Nebraska deposits.

Wallace Tenders Resignation As Secretary of Agriculture

OPD Washington Bureau
August 15, 1940

Henry A. Wallace, Secretary of Agriculture, today submitted his resignation to President Roosevelt, to be accepted at the President's discretion. Mr. Wallace, Democratic candidate for Vice-President, said he believed the resignation would become effective when the 1940 campaign gets in full swing.

N.Y.U. Names Masson Evening School Director

Dr. Henry J. Masson, an authority on petroleum, lubrication and explosive mixtures, has been appointed acting director of the evening division of the New York University College of Engineering. For twenty-three years a member of the university faculty, Dr. Masson is now professor of chemical engineering and director of the graduate division of the college.

U.K. Forms Fertilizer Ass'n

The Association of British Organic Fertilizers has been registered without share capital to promote and protect trade in organic fertilizers and organic materials suitable for soil improvement, according to advices to the Department of Commerce.

Chemical Price Level Boosted

Because the Netherlands East Indies stuck an export tax on cinchona bark and its alkaloids the average of prices in the United States markets for heavy and fine chemicals was boosted last week. The price movement as a whole was numerically in the opposite direction. Metal groups, with the exception of zinc, were lower or at least weaker.

Business was sort of dull—summerish, so to speak—although the flow of materials into manufacturing consumption was well above that of a year ago. Expectations continued bigger than operations with respect to articles for national defense. Business in general appears to be somewhat at a loss as to how to adjust itself to already existing opportunities.

Prices were advanced on zinc, zinc dust, quinine, cinchonine, other cinchona alkaloids, and their salts, mangrove bark, granular softwood charcoal, South American dried blood, cottonseed meal in the Southeast, gum rosin, and gum turpentine.

Prices were reduced on Straits tin, tetrachloride of tin, stannous chloride, tin crystals, quicksilver, aluminum paste and varnish powder, plain and sulphonated castor oils, sulphonated tallow, dried blood at Chicago, Eastern fish scrap, Japanese sardine meal.

The REPORTER'S composite index number of prices for heavy and fine chemicals was raised to a new high, 130.0 (100=average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 92.0, compared with 88.7 at this time last year and 89.1 in 1938.

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Oil, Paint and Drug Reporter, Volume 138, No. 8, August 19, 1940. Published weekly by Oil, Paint, and Drug Publishing Company, Inc., 59 John Street, New York, U. S. A. Telephone: REctor 2-9820. Annual subscription prices:—United States and possessions, Cuba, Mexico, Central America, and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 6, 1879.

Aluminum Co. Antitrust Suit Recessed to Dec. 2

Testimony at the trial in the government's suit to break an alleged monopoly of the Aluminum Company of America was completed in United States District Court, this city, last week. Final briefs, which will be filed December 2, followed filing of replies January 10, 1941, will be augmented by oral arguments. Decision in the case will be delivered orally from the bench.

The trial, said to be the longest in American history, was started in April, 1937, with the government charging that the Aluminum Company of America and its thirty-four subsidiaries have maintained a 100 percent monopoly on the production of virgin aluminum in the United States ever since its first and only competitor agreed to go out of business in 1903. The government contends that

—*Continued on page* 38

Sherwin-Williams Plans Chicago Plant Expansion

The Sherwin-Williams Company, Cleveland, has completed plans for an expansion of manufacturing facilities at its Chicago plant. About $500,000 will be expended in equipment and construction of units on sixty acres, immediately south of its present plant and which acreage was purchased early this year from the Illinois Brick Company.

The chemical and color end of the business has so far outgrown its present quarters that the present expansion is very largely based on plans for providing plants and manufacturing equipment to increase production of organic chemicals, intermediates and colors. In addition, ultimate plans call for a new power plant, a large paint plant, a 700x300-foot warehouse with all facilities, and planned room for offices and employee relation centers. Present plans are for the immediate

—*Continued on page* 44

Rieber Resigns Texas Co. Chairmanship

Torkild Rieber, mentioned prominently in connection with the suspicious activities of Gerhard Westrick, German commercial attache, resigned as chairman of the board of the Texas Corporation, this city, last week. He will remain a director.

Mr. Rieber said he submitted his resignation "because of certain publicity detrimental to the Texas company." The board, "accepted with real regret on the part of each individual member," and said that "under existing circumstances it seemed advisable."

In a statement issued on Mr. Rieber's behalf he was quoted as saying he met Dr. Westrick while on business in Germany. The Texas Corporation has no investment in Germany and has not delivered a single barrel of oil to that country since the start of the war, according to the statement, but when Dr. Westrick came to this country this Spring Mr. Rieber had extended to him business courtesies and had loaned him a Texas Company car. Later, when exchange restriction prevented Dr. Westrick from buying his own car, Mr. Rieber arranged for the advancement of the money which was to be thereafter repaid to the Texas company.

Mr. Rieber stated that so far as he knew Dr. Westrick was here only to promote post-war business between the United States and Germany and in the furtherance of that end had seen many prominent business men in this country. Although Norwegian-born, the statement concluded, Mr. Rieber has been "honored with citizenship in this country and under no circumstances would he be identified with, or sympathetic to any kind of un-American activity."

DCAT Luncheon Set for September 18

The Drug, Chemical and Allied Trades Section of the New York Board of Trade will hold its initial Fall luncheon in the Hotel McAlpin September 18. Reservations are in charge of J. C. Ostrom, secretary of the section, 41 Park Row.

Lead, Arsenic Residue Tolerances Increased

OPD Washington Bureau
August 12, 1940

Increased tolerances for lead and arsenic residue on apples and pears under the food, drug, and cosmetic act were announced today by Paul V. McNutt, Federal Security Administrator.

The new tolerance for lead is 0.05 grain per pound of fruit; since September 19, 1938, the tolerance had been 0.025 grain; before that it was 0.018 grain.

The new tolerance for arsenic (as $As_2 O_3$) is 0.025 grain per pound; previously it was 0.01 grain, set September 19, 1938.

The tolerance for fluorine has not been changed. It was set at 0.02 grain per pound of fruit November 14, 1938; previously it had been 0.01 grain.

The new tolerances, in accordance with the recommendation of the United States Public Health Service, are specifically restricted to lead arsenate residues on apples and pears and are not extended to other food commodities.

These tolerances reflect the scientific character of the conclusions reached by the Public Health Service. The Public Health Service was asked: —(1) What, in the light of its investi-

—Continued on page 33

Illinois Technology Institute Formed

Illinois Institute of Technology has been formed in Chicago by the merging of Armour Institute of Technology and Lewis Institute. The merging institutions will be continued in functions and faculties as schools of the new institution with the respective designations, Armour College of Engineering and Lewis Institute of Arts and Sciences. A third division will be the Armour Research Foundation organized four years ago and performing research for industry.

Henry T. Heald, president since 1938 of Armour Institute of Technology, has been chosen president of Illinois Institute of Technology. The trustees of the new institution have elected James D. Cunningham, of the Armour board, as chairman, and Alex D. Bailey, of the Lewis board, as vice-chairman.

President Heald, who is but thirty-five years old, is a practical engineer, a graduate of the State College of Washington and the University of Illinois. He was a member of the Armour faculty since 1927 when he became assistant professor of civil engineering. He became full professor and dean of the institute in 1934.

Lard Definitions Issued By Agriculture Dep't.

OPD Washington Bureau
August 14, 1940

An order setting up new definitions for meat food products which may be sold in interstate and foreign commerce as "lard" and "rendered pork fat," was today signed by Secretary of Agriculture Henry A. Wallace. The order will be enforced under the meat inspection act administered by the Bureau of Animal Industry and becomes effective November 1, 1940.

The new definitions provide that "lard" produced under Federal inspection be made from selected fresh, fatty tissues from healthy hogs with or without lard stearin, hard fat from which the oil has been pressed, or hardened lard, fat that has been hydrogenated—hardened by a chemical process. Edible pork fat not measuring up to the definition of lard, such as head fat, scrap fat, pressings and the like, may be processed and sold as rendered pork fat.

The text of the new definitions follows:—

Lard: the fat rendered from fresh, clean, sound, fatty tissues from hogs in

—Continued on page 60

Gypsum Patent 'Trust' Assailed in Civil Suit

OPD Washington Bureau
August 15, 1940

The Department of Justice today filed a civil suit in the United States District Court here against six corporations and certain of their officers engaged in production and distribution of gypsum products, alleging violations of the antitrust act in connection with patent license agreements.

The complaint charges the defendants with concertedly restraining, dominating, and controlling the manufacture, distribution, and prices of gypsum products in the entire eastern area of the United States in part through the medium of a series of patent licenses by which the defendants are alleged to have been enabled to (1) raise and fix at arbitrary and noncompetitive levels the price of gypsum board manufactured and sold by the defendant companies in the Eastern area; (2) eliminate competition arising from variations in methods of production and kinds of gypsum board; (3) raise, maintain, and stabilize the general level of prices for plaster and miscellaneous gypsum products manufactured and sold by the defendant companies; (4) substantially eliminate jobbers from the distribution of gypsum products; (5) induce and coerce other gypsum manu-

—Continued on page 44

Export-Banned Goods Face Government Requisition

OPD Washington Bureau
August 15, 1940

The house committee on military affairs today favorably reported a bill (H. R. 10339) permitting the President to requisition, on payment of fair compensation, any material subject to export license, the export of which has been denied. The bill was requested by the War Department which stated that it is necessary to permit the government to take over certain shipment of machine tools destined for export but still in this country.

The Division of Controls of the Department of State today issued a series of interpretations of the definitions of commodities subject to export license control, in many cases listing articles for which no license is required. It also issued a general information circular describing the procedure used in granting licenses, copies of which may be got from the department.

Many of the commodity descriptions in the list of definitions issued today have been made known previously, and while it is stated that these descriptions are unofficial, it is to be assumed that licenses are required for all products of the listed basic materials except those specified in this list. Final interpretation is the duty of the collector of customs at the port of exit, and the information in the list is not binding on collectors or on the Department of State.

In the items of interest to OPD readers the list is as follows:—

Aluminum. Aluminum powder, paste, and foil (bottle-neck foil and similar type foil) do not require licenses for their exportation, nor does aluminum in tubular form. No aluminum compounds require export licenses.

Ammonia. Manufactured fertilizers containing less than 10 percent ammonia, such as urea and "uranmon," do not require a license.

Aviation lubricating oil. Any lubricating oil of 95 or more seconds Saybolt universal viscosity at 210° F. with a viscosity index of 85 or more, requires a license.

Chemicals and drugs. No license will be required for medicinal, dental, and proprietary preparations in bottles, tubes, vials, capsules, boxes, or other containers for individual consumption, and all chemicals conforming to United States Pharmacopeia (U.S.P.), National Formulary (N.F.), or chemically pure analytical reagent (C.P.A.R.) standards, which contain as ingredients any of the basic materials or chemicals listed in the regulations.

Chlorine. No chlorine compounds require a license. [Chlorine compounds which are poisonous gases adapted to military use have a peculiar status of their own under the neutrality act. Editor, OPD.]

Chromium. Chromium refractory bricks, chromium cement, and chrome tan ("tanolin" and "koreon") are not

—Continued on page 37

Petersen Made President Of Wesson Oil Company

New Orleans, Aug. 15, 1940

A. Qvistgaard Petersen has been elected president of the Wesson Oil & Snowdrift Company and of the Southern Cotton Oil Company, succeeding to a vacancy caused by the death August 1 of A. D. Geoghegan.

Mr. Petersen, who has been vice-president and active in the manage-

Blank & Stoller

A. Q. Petersen

ment since the organization of the companies, came to New Orleans from Denmark in 1907. With Mr. Geoghegan and others, he organized the New Orleans Export Company in that year, and two years later the Southport Mills, Ltd. They organized the Wesson Oil Company in 1925, by merging the Southport Mills and Southern Cotton Oil Company.

The Wesson Oil & Snowdrift Company, a holding company, controls the operation of 300 plants in the cottonseed oil industry in the South. The company owns the Southern Cotton Oil Company, Wesson Oil and Snowdrift Sales Company, Refuge Cotton Oil Company, Fidelity Products Company, South Texas Cotton Oil Company, Blue Plate Foods, Inc., Sco Tank Line, Inc., Alta Coal Company, Southern Shell Fish Company, Inc., Southport Paint Company, Inc., and Houston Fire and Casualty Insurance Company.

Noble Quits Commerce Post

Edward J. Noble resigned as Under Secretary of Commerce August 14. The President accepted his resignation but has not yet appointed a successor.

Mr. Noble is a candy manufacturer, with other business interests, and is an aviation enthusiast. He was brought into the administration in June, 1938, to be the first chairman of the Civil Aeronautics Authority, and was named Under Secretary of Commerce in July, 1939.

Consumer Cooperation Asked of Retailers

OPD Washington Bureau
August 12, 1940

Miss Harriet Elliott, consumer adviser on the Advisory Commission to the Council of National Defense, has called a one-day conference of retailers to meet with her here August 29, to discuss the active cooperation of retail merchants with the work of the consumer division of the commission.

Over one hundred representatives of retailing are expected to take part in the conference.

In her letter inviting participation of retailers Miss Elliott said:—

The retail industry has much to contribute to the welfare of civilians. They are in a key position not only to give the benefit of their counsel to the defense commission but also, through their associations and their relationships with wholesalers and manufacturers, to assist in avoiding price increases and in maintaining a free flow of goods to consumers.

We desire the active cooperation of retail merchants in the formulation of a program to obtain practical results in this direction.

Sweetpotato Starch To Be Made in Texas

Dallas, Tex., Aug. 14, 1940

Texas Chemurgic Industries, Inc., has been formed with a capital of $500,000, according to William C. Witt, who will head the company. The first unit of the plant, for which plans have been drawn, will be devoted to processing sweetpotatoes. This unit will have a daily capacity of 100 to 150 tons of sweet potatoes.

Present plans call for the erection of other plants at strategic points, which plants will supply a central sweetpotato starch plant with its basic materials. Gilbert C. Wilson, research chemist for the North Texas State Teachers College, who will be technical director and vice-president of the company, is said to have discovered a new sweetpotato dehydrating process.

Trade Associations Must Know Antitrust Law Processes

By John M. F. Donovan, Jr.

Trade Association Counselor

(Continued from August 12 issue)

Disposition of Cases By Stipulation

The commission, instead of disposing of cases by formal complaint and trial, under certain circumstances affords a respondent the privilege of disposing of a case by signing a statement of fact and agreement to discontinue the alleged unfair method of competition.

The commission determines the form and subject matter of all stipulations which are prepared in accordance with the facts as disclosed by an investigation. If a respondent alleges the facts to be other than the investigation discloses, then the matter is not subject to stipulation and the proper and only procedure is to try the issue in order to develop the true facts.

In those classes of cases in which the commission affords the respondent an opportunity to dispose of a matter by stipulation, that procedure accomplishes economically and expeditiously the same result as a complaint and order to cease and desist. It simplifies also the commission's legal procedure and saves both the government and the respondent the expense incident to trial of the complaint.

Often it appears that a violation occurs through ignorance or misunderstanding, and that the attention of the offender has only to be called to such violation to induce discontinuance of the practice. In such an instance the commission, instead of issuing a formal complaint, grants the respondent an opportunity to sign a statement of facts disclosed by the investigation and agreements to cease and desist from the practices charged. If such a stipulation is signed, further action is suspended; if it is not signed, the case goes to trial.

Stipulations are entered into where the public interest does not require formal action. They are not permitted in cases where a fraudulent business is concerned, where a legitimate business is conducted in a fraudulent manner, where the circumstances are such that there is reason to believe that an agreement entered into with the concern involved will not be kept, or where a violation of section 14 of the

—Continued on page 58

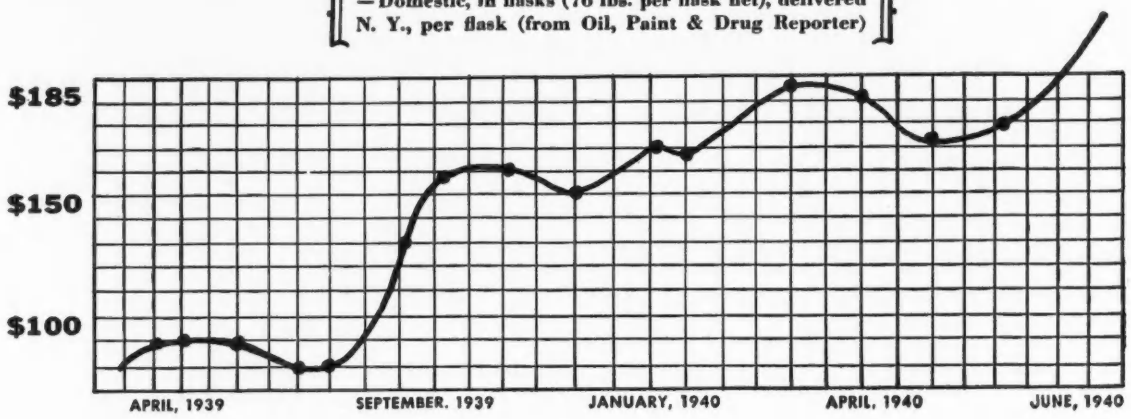
Mercury Prices May FLUCTUATE but Never the Quality of

FINE CHEMICALS
Mallinckrodt
SINCE 1867

MALLINCKRODT MERCURIALS

QUICKSILVER PRICE TREND FROM APRIL, 1939 THROUGH APRIL, 1940

—Domestic, in flasks (76 lbs. per flask net), delivered N. Y., per flask (from Oil, Paint & Drug Reporter)



MALLINCKRODT MERCURIALS INCLUDE:

- CALOMEL
- CORROSIVE SUBLIMATE
- MERCURY AMMONIATED
- MERCURY BISULFATE
- MERCURY CYANIDE
- MERCURY IODIDE
- MERCURY NITRATE
- MERCURY OLEATE
- MERCURY OXIDE
- MERCURY SALICYLATE
- MERCURY SUBSULFATE
- MERCURIAL OINTMENT

Bottle or Barrel
Mallinckrodt Spells Quality

MALLINCKRODT CHEMICAL WORKS

2nd & Mallinckrodt Streets
St. Louis, Mo.

70-74 Gold Street
New York, N. Y.

CHICAGO • PHILADELPHIA • MONTREAL • TORONTO

Current Market Quotations

August 16, 1940

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, arabic).
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works..lb. .11 - —
5 & 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., 95-98%, chips, bbls..lb. .22 - —
cryst., bbls.....lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls., 2,000-lb. lots, lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25-lb. lots.....lb. .38 - —
kgs., 2,000-lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000-lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25-lb. lots.....lb. .36 - —
kgs., 2,000-lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .06½- —
l.c.l., dlvd.....lb. .07 - —
tanks, dlvd.....lb. .05 - —
Methyl (see M).
Acetophenone, bots.....lb. 1.60 - —
cns., 25 to 50 lbs.....lb. 1.30 - 1.35
dms., 100 lbs.....lb. 1.27 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E. of and including Kans., Neb., N. D., Okla., S. D., Tex., E. of Austin and Brownsville...lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, com'l or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys., cs.....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys., cs.....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys., cs.....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys., cs.....100 lbs. 6.39 - 6.64
glacial, nat., CP, cbys.100 lbs.14.00 - —
99.5% bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
tanks .....100 lbs. 5.00 - —
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms.....100 lbs. 8.43 - 8.68
cbys., cs.....100 lbs. 8.93 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys., cs.....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys., cs.....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys., cs.....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys., cs.....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys., cs.....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11½
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls..lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls..lb. .40 - —
Adipic, fib. dms., works.....lb. .31 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .22 - .25
Ascorbic, bots., dms.....oz. 2.25 - 2.50
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more, lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bulk, frt. alld..ton.93.50 - —
bgs., c.l., frt. alld...ton.96.00 - —
ton lots, ex whse...ton.108.00 - —
less than ton lots, ex whse..ton.113.00 - —
bbls., c.l., frt. alld...ton.106.00 - —
ton lots, ex whse..ton.118.00 - —
less than ton lots, ex whse..ton.123.00 - —
powd., bgs., c.l., frt. alld. ton.101.00 - —
ton lots, ex whse...ton.113.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld...ton.111.00 - —
ton lots, ex whse...ton.123.00 - —
Acid, boric, tech., 99.5%, powd., bbls., less than ton lots, ex whse..ton.128.00 - —

USP, $25 per ton higher.

Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Broenner's, bbls.....lb. 1.11 - —
Camphoric, cns.....lb. 7.00 - —
Capric, dms.....lb. .13¾- .14¼
Caproic, dms., works.....lb. .30 - .35
Carbolic (see Phenol).
Caprylic, dms.....lb. .17½- —
Castor oil, split, dms.....lb. .16 - .16½
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., c.l., dlvd. N.Y..lb. .15¼- —
l.c.l., 5 tons, dlvd., N. Y. lb. .15¾- —
smaller quantities, dlvd. N.Y..lb. .16¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt. lb. .20½- —
smaller lots.....lb. .21 - —
anhydr., gran., dms., 10,000 lbs., 1 shipt..lb. .23 - —
smaller lots.....lb. .23½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .57 - —
Coconut oil, dms.....lb. .10½- .11
Corn, dist., dms.....lb. .09 - .09¼
Cottonseed oil, dist., dms....lb. .08 - .08½
tanks .....lb. .07½- —
Cresylic (coaltar) high-boil 50%, 210°-215°, dms., c.l., works, frt. equald..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50%, 210°-215°), dms., c.l., works, frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
low-boil (50%, 204°-206°), dms., c.l., works, frt. equld..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
imported, pale, dms...gal. .65 - .70
Creeylic (petroleum), high-boil (240°-300°), non-return dms., c.l., works, East, U.S...gal. .43 - —
l.c.l., same basis.....gal. .44 - .45
tanks, dlvd., East U.S.gal. .380 - —
medium-boil (222°-249°), non-return dms., c.l., works, East., U.S..gal. .49 - —
l.c.l., same basis....gal. .50 - .51
tanks, dlvd., East. U.S..gal. .448 - —
Crotonic, 10 bbls. or more, dlvd..lb. .21 - —
smaller lots, dlvd.....lb. .26 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 25 and over.....lb. .11 - —
1-24.....lb. .11½- —
Fumaric, bbls., 1-ton delivery. lb. .24 - —
smaller lots.....lb. .25 - .28
Gallic, tech., bbls.....lb. .90 - .93
N. F., VI. bbls., 200 lbs., 5 or more..lb. 1.07 - —
single bbls.....lb. 1.10 - —
fib. dms., 25 lbs.....lb. 1.16 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb. kgs. or cbys.....lb. .17 - —
25 or 50-lb. demijns.....lb. .21 - .23
5-lb. bots.....lb. .29 - —
H, bbls.....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. lots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, U.S.P., 48%...lb. .48 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .06 - .06½
rubber dms.....lb. .08 - .08½
48%, lead cbys.....lb. .12 - —
rubber dms.....lb. .11 - —
52%, lead cbys.....lb. .13 - —
rubber dms.....lb. .12 - —
60%, lead cbys.....lb. .14 - —
rubber dms.....lb. .13 - —
Hydrofluosilic, 30-35%, 420 lbs. bbls..lb. .09 - .09¼
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works...100 lbs. 2.50 - —
l.c.l., works....100 lbs. 2.75 - —
cbys., works...100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works.. 100 lbs. 5.75 - —
cbys., works...100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., works.....100 lbs. 3.75 - —
cbys., works...100 lbs. 4.75 - —
44%, bbls., c.l., works.... 100 lbs. 6.50 - —
l.c.l., works....100 lbs. 6.75 - —
cbys., works...100 lbs. 7.75 - —
50%, edible, 20 or more, cbys..lb. .10¼- .11½
5 to 19, cbys.....lb. .11 - .12
1 to 4, cbys.....lb. .11½- .12½
Acid, lactic, plastic grade, bbls., cbys., 20 or more..lb. .12¼- .13½
5 to 10, cbys.....lb. .12¾- .13¾
1 to 4, cbys.....lb. .13¼- .14½
80%, bbls., cbys., 5 or more.lb. .21 - .22
1 to 4, cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms.....lb. .12½- .13
Laurent's, bbls.....lb. .45 - —
Linseed oil, light, dms.....lb. .13¼- .13¾
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs.....lb. 2.05 - —
smaller lots.....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kegs, works.....lb. .95 - 1.10
Monochloracetic, tech., bbls..lb. .15 - .18
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works.....100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works.....100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works.....100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P. dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, bgs.....lb. .13¼- —
dist., dms.....lb. .17¾- .18¼
Naphthenic, dom., acidity 160, dms., c.l., works..lb. .06½ Nom.
l.c.l., works.....lb. .07 Nom.
tanks, works.....lb. .06 Nom.
220 min. acidity, dms., c.l., works..lb. .09 Nom.
l.c.l., works.....lb. .09½ Nom.
tanks, c.l., works.....lb. .08 Nom.
240 min. acidity, dms., c.l., works..lb. .10 Nom.
l.c.l., works.....lb. .10½ Nom.
tanks, works.....lb. No prices
Nicotinic, 25-lb. cns.....lb.15.00 -15.50
5-lb. bots.....lb.16.50 - —
1-lb. bots.....lb.17.00 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24 works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24 works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 to 9, works...100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs and over.....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palmitic, bgs.....lb. .09¾- .10¼
Palm oil, white, dist., dms..lb. .07 - .07½
tanks .....lb. .06½- —
Phenylacetic, bots.....lb. 1.75 - 3.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 83%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50%, s. g. 1.347, cbys., 70 lbs..lb. .12 - —
dms., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic synth., pure, 55-gal. dms., returnable, works..lb. .14 - —
tanks, works.....lb. .11 - —
Pyrogallic, tech., lump, powd., bbls..lb. 1.20 - —
cns. .....lb. 1.25 - —
USP, cryst., cns.....lb. 1.70 - —
resubl., cns.....lb. 2.25 - —
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
tech., dms., c.l., works.....lb. .27 - —
l.c.l., works.....lb. .28 - .33
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works...lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist., dms.....lb. .09 - .09½
Stearic, dist., double pressed, bgs., dlvd..lb. .09 - .10
single pressed, bgs., dlvd..lb. .08½- .09½
triple pressed, bgs., dlvd..lb. .11¾- .12¾
saponif., double pressed, bgs., dlvd..lb. .09¼- .10⅛
triple pressed, bgs., dlvd..lb. .12 - .13

Acacia—Alcohol

Acid, succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys.....lb. .06½- —
9-lb. lots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
9-lb. lots.....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms.....lb. .54 - .56
USP, fluffy, bbls., 1,000-lb. lots..lb. .98 - —
100-lb. lots.....lb. 1.00 - —
25-lb. lots.....lb. 1.03 - —
powd., bbls., 1,000 lbs.....lb. .88 - —
smaller lots.....lb. .90 - —
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment.....lb. .41¼- —
smaller quantities...lb. .41¾- —
kgs. .....lb. .42¼- —
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. No prices
Chem. grade, kgs., works..lb. No prices
Aconite leaves, bls.....lb. .32 - .34
Root, bls.....lb. .45 - .50
Aconitine, amorph., bots.....oz.23.00 - —
vis. .....gr. 1.00 - —
cryst., bots.....oz.42.00 - —
vis. .....gr. 1.60 - —
Adeps lanae, anhyd., dms.....lb. .26½- .27
hyd., dms.....lb. .24½- .25
Agar, 1, bls.....lb. 1.40 - 1.45
3, bls.....lb. No prices
Agaric, white, bls.....lb. 5.00 - 5.25
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
powd., grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis.lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .55 - .62
import ,bgs.....lb. No prices
Egg, ed., dom., cryst., bbls..lb. .54 - .60
powd., dms., bbls.....lb. .59 - .65
import, cs.....lb. .60 - .62
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
normal, dms., l.c.l., wks....lb. .25 - —
Benzyl, cns.....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, cns., works...lb. .13¼- .15¼
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09¼- —
tanks, frt. alld.....lb. .08 - —
tankwagon, frt. alld.....lb. .08¼- —
secondary, dms., c.l., frt. paid E. of Miss. R..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
tertiary, denaturing, c.l., dms..lb. .12½- —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11½- —
Caprylic, pure, dms., works....lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l, dms.....lb. .95 - —
import, 85%, 100-lb. dms....lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l, 350-lb. dms.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.50
Denatured, CD14, dms., c.l., works, E..gal. .31½- —
l.c.l., works, dms.....gal. .36½- —
tanks, E., works.....gal. .25½- —

Prices for territories other than E. of Rockies are 4c. per gal. in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI 190 pf., bbls., c.l., E. works..gal. .29½- —
19 bbls., E. works....gal. .31½- —
1 to 18 bbls., E. works, gal. .34½- —
dms., c.l., E. works...gal. .28½- —
19 dms., E. works...gal. .30½- —
1 to 18 dms.....gal. .33½- —
tanks, E. works.....gal. .22½- —

Anhydrous 3c. per gal. higher.

SD-2B, dms., c.l., works, E. gal. .26½- —
19 dms., works, E...gal. .28½- —
1 to 18 dms., works, E. gal. .31½- —
tanks, E. works.....gal. .20½- —

SD23G, works, E., c.l., dms., gal. .32½- —
19 dms.....gal. .34½- —
1 to 18 dms.....gal. .37½- —
tanks .....gal. .26½- —

Prices for territories other than E. of Rockies are 4c. per gal. in tanks, and 5c. per gal., in dms., higher.

Alcohol—Ammonium Hydrox.

Alcohol, special solvent, dms., c.l., E., works..gal.	.29½-	—
20 dms., E. works.. gal.	.31½-	—
1 to 10 dms.....gal.	.34½-	—
tanks, E. works.....gal.	.28½-	—
Tankcar sales require written authorization by Alcohol Tax Unit.		
Diacetone, acetone-free, dms., c.l., divd..lb.	.12 -	—
l.c.l., divd.....lb.	.12½-	—
cns., works.....lb.	.16½-	.18½
tanks, divd.....lb.	.11 -	—
tech., dms., c.l., divd.....lb.	.11½-	—
l.c.l., divd.....lb.	.12 -	—
cns., works.....lb.	.16 -	.18
tanks, divd.....lb.	.10½-	—
Ethyl, 190 pf., ex. molasses, bbls., c.l..gal.	5.99½-	—
19 bbls.....gal.	6.03 -	—
1 to 18 bbls.....gal.	6.06 -	—
dms., c.l.....gal.	5.98½-	—
19 dms.....gal.	6.02-	—
5 to 18 dms.....gal.	6.05 -	—
1 to 4 dms.....gal.	6.07 -	—
tanks .....gal.	5.92½-	—
absolute, dms., c.l.....gal.	6.33½-	—
19 dms.....gal.	6.37 -	—
1 to 18 dms.....gal.	6.40 -	—
1 to 4 dms.....gal.	6.42 -	—
Grain alcohol 25c. gal. higher.		
Ethylhexyl, dms., c.l., works..lb.	.24 -	—
l.c.l., same basis.....lb.	.25 -	—
Tanks, same basis.....lb.	.23 -	—
Furfuryl, tech., cns., works..lb.	.35 -	—
dms., c.l., 33,000 lbs, works, lb.	.30 -	—
l.c.l., 500 lbs, and more, works..lb.	.25 -	—
Alcohol, isoamyl, primary, dms., l.c.l., divd..lb.	.27 -	—
cans, works.....lb.	.32 -	—
Isobutyl, refd., dms., works..lb.	.0690-	—
tanks, same terms.....lb.	.0590-	—
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest..gal.	.65 -	—
55 gal., c.l., same basis, gal.	.33½-	—
l.c.l., same basis...gal.	.38½-	—
tanks, frt. alld.....gal.	.28½-	—
99%, dms., 5 gal., same basis, gal.	.65 -	—
55 gal., c.l., same basis, gal.	.36 -	—
l.c.l., same basis...gal.	.41 -	—
tanks, same basis.....gal.	.31 -	—
Methyl (see Methanol).		
Phenylethyl, bots., cans.....lb.	2.30 -	3.35
Polyvinyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb.	.65 -	—
less than 2,000 lbs.....lb.	.70 -	—
type B, fiber-pack, 2,000 lbs. and over, same basis..lb.	.60 -	—
less than 2,000 lbs.....lb.	.65 -	—
Propyl, normal, dms., works, gal.	.70 -	—
Octyl (see ethylhexyl alcohol).		
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y.lb.	.44 -	—
450-lb. lots, same basis...lb.	.50 -	—
cns., f.o.b., Cedar Rapids, Ia. lb.	.55 -	—
Aldehol, denat., grade, dms., tanks, works..gal.	.70 -	.72
Aldehyde bisulphite, bbls., divd., lb.	.17 -	—
smaller containers.....lb.	.20 -	—
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb.	.11 -	—
l.c.l., works.....lb.	.12 -	—
5 and 10 gal. dms., works, lb.	.15 -	—
Alstris root, bgs.....lb.	.29 -	.40
Alizarin (see Red, alizarin).		
Alkanet root, bgs.....lb.	.60 -	.65
Aloe, Cape, cs.....lb.	.18 -	.19
Curacao, cs.....lb.	.40 -	.42
gourds, bbls.....lb.	.80 -	.85
Socotrine, kgs.....lb.	.42 -	.45
Aloin, 140-lb. bbls.....lb.	3.25 -	—
100-lb. kgs.....lb.	3.27 -	—
25-lb. fib. dms.....lb.	3.34 -	—
Alphanaphthol, bbls.....lb.	.52 -	—
Alphanaphthylamine, bbls.....lb.	.32 -	—
Althea root, USP, cube cut, bbls., lb.	.80 -	.85
peeled, bls.....lb.	.58 -	.63
Alum, ammonia, burnt, USP, bbls., kgs..lb.	.16 -	.18
gran., bbls., works....100 lbs.	3.50 -	—
divd., N.Y., Phila..100 lbs.	3.50 -	—
lump, bbls., works.....100 lbs.	3.75 -	—
divd. N.Y., Phila..100 lbs.	3.75 -	—
powd., bbls., works....100 lbs.	3.90 -	—
divd. N.Y., Phila..100 lbs.	3.90 -	—
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point, divd N. Y. prices apply to truck or ex warehouse.		
Alum, potash, gran., bbls., works, 100 lbs.	3.75 -	—
divd. N. Y., Phila..100 lbs.	3.75 -	—
lump, bbls., works.....100 lbs.	4.00 -	—
divd. N. Y., Phila..100 lbs.	4.00 -	—
powd., bbls., works....100 lbs.	4.15 -	—
divd N. Y., Phila..100 lbs.	4.15 -	—
Potash alum prices on same basis as those for ammonia alum.		
Potash chrome, bbls.....lb.	No price	
Soda, bbls., c.l., works..100 lbs.	3.25 -	—
l.c.l., divd.....100 lbs.	4.25 -	5.00
Alumina acetate, tech., basic, powd., insoluble, bbls., 10 or more, divd..lb.	.35 -	—
1 to 9, divd.....lb.	.40 -	—
smaller containers, divd. lb.	.50 -	—
soluble, bbls., divd....lb.	.33 -	—
smaller containers, divd. lb.	.45 -	—
solut., 32%, bbls., c.l., divd..lb.	.09½-	—
l.c.l., 10 or over, divd. lb.	.11 -	—
1 to 9, divd.....lb.	.12 -	—
normal, pwd., bbls., divd. lb.	.22 -	—
smaller containers, divd. lb.	.35 -	—
solut., 20%, bbls., c.l. divd..lb.	.08 -	—
l.c.l., 10 or over, divd. lb.	.08½-	—
1 to 9, divd.....lb.	.09 -	—
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb.	.08 -	—
12,000 to 40,000 lbs., works..lb.	.09 -	—
4,100 to 11,000 lbs., works, lb.	.10 -	—
140 to 875 lbs., works.lb.	.11 -	—
100 lbs. or less, works.lb.	.13 -	—
cryst., com'l, dms., c.l., works, lb.	.06 -	—
l.c.l., works.....lb.	.06½-	—
solution, 32 deg., cbys., c.l., works..lb.	.02¾-	—
l.c.l., works.....lb.	.03¾-	—
Formate, 30%, solut., bbls., c.l., divd..lb.	.13 -	—
l.c.l., divd.....lb.	.15 -	—
Hydrate, heavy, bbls., c.l., works..lb.	.0290-	—
l.c.l., bbls., works.....lb.	.03½-	—
bgs., c.l., works.....lb.	.0260-	—
light, bgs., c.l., divd.....lb.	.12 -	—
l.c.l., bgs., divd.....lb.	.12½-	—
bbls., c.l., divd.....lb.	.12½-	—
l.c.l., bbls., divd.....lb.	.13 -	—
Oleate, dms., contract.....lb.	.17½-	—
open order.....lb.	.17½-	.20
Palmitate, precip., bbls.....lb.	.20½-	.21½
Resinate, precip., dms., divd.lb.	.15 -	—
Stearate, precip., bbls., ctns., c.l..lb.	.13 -	—
l.c.l. .....lb.	.19 -	—
Sulphate, com'l, bgs., c.l., works, frt. equaled..100 lbs.	1.15 -	—
l.c.l., works, frt. equald.. 100 lbs.	1.40 -	—
bbls., c.l., works.....100 lbs.	1.35 -	—
l.c.l., works, frt. equaled, 100 lbs.	1.60 -	—
iron-free, bgs., c.l., works, 100 lbs.	1.60 -	—
l.c.l., works.....100 lbs.	1.85 -	—
bbls., c.l., works.....100 lbs.	1.80 -	—
l.c.l., works.....100 lbs.	2.05 -	—
Aluminum 98-99%, c.l.....lb.	.13 -	—
l.c.l. .....lb.	.19 -	—
paste, lining, extra fine, dms., 1,500 lbs...lb.	.61 -	—
ink, dms., 1,500 lbs.....lb.	.71 -	—
standard, dms., 1,500 lbs..lb.	.38 -	—
powder, lining, extra fine, dms., 1,500 lbs..lb.	.92 -	—
standard, dms., 1,500 lbs..lb.	.57 -	—
litho, extra brilliant, dms., 1,500 lbs..lb.	.42 -	—
extra fine, dms., 1,500 lbs.lb.	.44 -	—
lining, dms., 1,500 lbs....lb.	.56 -	—
standard, dms., 1,500 lbs..lb.	.56 -	—
rubber compound, dms., 1,500 lbs..lb.	.39 -	—
unpolished, dms., 1,500 lbs. lb.	.36 -	—
varnish, extra brilliant, dms., 1,500 lbs..lb.	.42 -	—
extra fine, dms., 1,500 lbs.lb.	.44 -	—
standard, dms., 1,500 lbs..lb.	.38 -	—
Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.		
Ambergris, gray, tins.....oz.	17.00 -	26.00
Aminopyrine, 100-lb. dms.....lb.	4.00 -	—
5-lb. bots.....lb.	4.22 -	4.25
Ammonia, acetate, bbls., kgs., dvd..lb.	.27 -	.33
dms., divd.....lb.	.23 -	.26
Aldehyde, dms., works.....lb.	.65 -	.70
Antydrous, fertilizer, f.o.b. Belle, W. Va., frt. equal with Hopewell, Va.....ton.	90.00 -	—
refrigeration, tanks, works, lb.	.05 -	—
pure, cycls., divd., met. N. Y., lb.	.16 -	—
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.		
Aqua, 26°, cbys.....lb.	.05¼-	—
dms., c.l. .....lb.	.02¾-	—
l.c.l. .....lb.	.03½-	—
tanks (on NH_3 content), f.o.b. works..lb.	.04 -	—
Benzoate, dms., kgs., 4,000 lbs. or more..lb.	.40 -	—
1,000 lbs. to 3,900 lbs....lb.	.41 -	—
900 lbs, or less.....lb.	.42 -	—
Bicarbonate, bbls., divd., Met. N. Y..lb.	.0556-	—
kgs., same basis.....lb.	.0606-	—
Bichromate, bbls.....lb.	.30 -	.32
Bifluoride, bbls.....lb.	.14½-	.16½
Borate, bbls., kgs.....lb.	.15 -	.16
Bromide, gran., bbls.....lb.	.31 -	—
bxs. .....lb.	.34 -	.35
kegs .....lb.	.32 -	—
Carbonate, lump, bbls., divd., Met. N.Y..lb.	.08 -	—
kgs., same basis.....lb.	.11 -	—
cns., same basis.....lb.	.13½-	—
powdered, 1c. per lb. higher.		
Chloride, tech. (see Ammoniac, sal).		
USP, gran., 225-lb. bbls....lb.	.12 -	.13
100-lb. kgs.....lb.	.15 -	—
Citrate, 250-lb. bbls.....lb.	.75 -	—
100-lb. dms.....lb.	.80 -	—
50-lb. dms.....lb.	.82 -	—
25-lb. dms.....lb.	.85 -	—
cns. .....lb.	.85 -	—
Fluoride, bbls.....lb.	.17 -	.19
Hydroxide (see Ammonia, aqua).		

TiO_2

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MOLY

Ammonia, hypophosphite, dms..lb. 1.25 - 1.27
jars ..... lb. 1.35 - —
Iodide, 5-lb. bots..... lb. 3.71 - —
jars ..... lb. 3.65 - —
Linoleate, 80%, anhyd., bbls., lb. .12 - —
Molybdate, kgs., wks..... lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.25 - —
bbls., works..... 100 lbs. 4.55 - —
Oleate, dms..... lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure gran..... lb. .32 - —
Perchlorate, kgs..... lb. .17 Nom.
Persulphate, kgs., dom..... lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. ..... lb. .39 - —
tech., bbls., c.l..... lb. .07¼- —
l.c.l. ..... lb. .08¾- .09¼
monobasic, crude (fert. grade), 11% N 48% phos., bulk, f.o.b. E. works.. unit-ton. 1.55 & .79
pure, bbls. ..... lb. .40 - .45
tech., bbls., c.l..... lb. .07¼- —
l.c.l. ..... lb. .08¾- .09¼
Salicylate, U.S.P., kgs..... lb. 1.15 - 1.20
Silicofluoride, bbls..... lb. .11½- —
Stearate, anhydrous..... lb. .24½- —
paste ..... lb. .06½- —
Sulphate, dom., bulk, c.l. contr., f.o.b. cars, ports, July-Dec. shipt..ton.28.00 - —
spot, same basis..... ton.29.00 - —
Ammonia sulphate prices are $1 per ton less than above prices f.o.b. cars nearest inland producing oven.
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works..... lb. .12 - .18
tanks, dlvd..... lb. .07¼- —
red, 48%, cbys., works..... lb. .07½- —
dms., works..... lb. .05½- —
yellow, 33%, cbys., works..lb. .07¼- —
dms., works..... lb. .05½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .65 - —
tech., kgs..... lb. .40 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 6.75
l.c.l. ..... 100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.00 - 5.15
import, csks. ..... 100 lbs. No prices
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd..... lb. .12 - —
tanks, dlvd..... lb. .10½- —
cns., works..... lb. .16 - .18
ex Pentane, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld..... lb. .11½- —
tanks, frt. alld..... lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns..... lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works..... lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works..... lb. .0665- —
tanks, works..... lb. .0465- —
Nitrite, bots..... lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works..lb. .25 - —
Salicylate, 5 lbs., bots..... lb. .61 - —
cns., 25 lbs..... lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. 1.02 - —
l.c.l., works..... lb. .11 - —
tanks, works..... lb. .09 - —
Anethol, bots..... lb. 1.10 - 1.15
Angelica root, dom., bls..... lb. .30 - .32
import, natural, bls..... lb. 1.75 - 1.80
twisted, bls..... lb. 1.95 - 2.00
Angostura bark, bls..... lb. .28 - .32
Anilin oil, dms..... lb. .15 - —
l.c.l. ..... lb. .16 - —
tanks ..... lb. .14½- —
Salt, dms., works..... lb. .22 - .24
Anise, Bulgarian, bgs..... lb. .14 - .15
Cyprus, bgs..... lb. .16 - .16½
Mexican, bgs..... lb. .13½- .14
Spanish, bgs..... lb. .27½ Nom.
Star ..... lb. .16¼- .16⅝
Anisic aldehyde, bots..... lb. 2.85 - 2.90
Annatto paste, bxs..... lb. .84 - .89
seed, bgs..... lb. .06½- .07
Anthracene, 80 85%, bbls., wks., lb. .55 - —
90%, bbls., wks..... lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride).
Chlor'de, solut., cbys..... lb. .17 - —
Metal, spot..... lb. .14 Nom.
Needle, powd..... lb. .20 - .24
Oxide, bgs., c.l..... lb. .13 - .14
l.c.l. ..... lb. .14½- —
Salt, 65%, dms..... lb. .30 - —
bbls. ..... lb. .38 - —
White pigment, bgs., f.o.b. Laredo, Tex..lb. .18 - .18
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots..... lb. 2.10 - 2.15
Apomorphine, bots..... oz. 23.20 - 23.70
Archil extract, con., bbls..... lb. No prices
double, bbls..... lb. No prices
triple, bbls..... lb. No prices
Areca nuts, powd., bbls..... lb. .12 - .13
Arecoline hydrobromide, bots.. 5.00 - 6.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. No prices
Arnica flowers, bls..... lb. .60 - .70
Root, bls..... lb. .43 - .55
Arrowroot, St. Vincent, powd. bgs..lb. .09 - .09¼
bbls. ..... lb. .09½- .10
Arsenic, metal, lump, cs..... lb. No prices
Chloride (arsenous), cns..... lb. 4.85 - —
Iodide (arsenous), 5-lb. bots..lb. 5.58 - —
jars ..... lb. 5.43 - —
Red, import, cs..... lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l..... lb. .03¼- —
l.c.l. ..... lb. .04 - —
Asafetida, cs..... lb. .33 - .34
powd., bbls., bxs..... lb. .56 - .57
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons). Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.26.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.24.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.20.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.17.50 - —
7M, bgs., c.l. (30 tons). Canad. mines..ton 16.00 - —
Asphaltum, Manjak No. 10, crude, tons, f.o.b. plant..... lb. .04½- —
smaller lots, f.o.b. plant, lb. .05¾- —
process form, bgs., 20 tons, f.o.b. plant..... lb. .05 - —
smaller lots f.o.b. plant..lb. .06 - —
California, dms., c.l., f.o.b. N. Y..ton.29.00 - —
l.c.l., f.o.b. N. Y..... tan.36.50 - —
Cuban A, bgs, c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b. N. Y..... ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.85.00 - —
l.c.l., f.o.b. N. Y..... ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y..... lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.00 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.32.90 - —
l.c.l., f.o.b. N. J. or N. Y., whse..ton.58.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery..... ton.21.00 - —
tanks, refinery..... ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06¼
Ill., Ind., refinery..... gal. .06¼- —
N Orleans, refinery...gal. .06 - —
Atropine, bots..... oz. 5.75 - 6.00
Sulphate, bots..... oz. 4.00 - 4.75

B

Balm of Gilead buds, bgs..... lb. .40 - .45
Barberry bark, bgs..... lb. .37 - .39
Tree bark, bls..... lb. No prices
Barbital, cs..... lb. 3.50 - 3.60
sodium, cs..... lb. 3.75 - —
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works, ton.45.00 -47.00
99% thru 200 mesh, bgs., c.l., works..ton.47.00 -49.00
precip., bgs., c.l., works..ton.47.50 -50.00
l.c.l., works..... ton.52.50 -55.00
bbls., c.l., works..... ton.52.50 -55.00
l.c.l., works..... ton.57.50 -60.00
sulphur-free, bgs., c.l., works, ton.57.50 - —
l.c.l., works..... ton.62.50 - —
Chlorate, kgs..... lb. .26 Nom.
Chloride, CP, cryst., bbls....lb. .25 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Miss., north of Ark. line ..... ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis ton.90.00 - —
bbls., same basis...ton.92.00 - —
Zone 2, bgs., c.l. dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton.81.00 - —
bbls., same basis...ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l. Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l. dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis..ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis..... lb. .12 - .15
Fluoride, bbls..... lb. .14 - .15
Hydrate (see Hydroxide).
Hydroxide, bbls., imp..... lb. .05½- .06
dom., works..... lb. .06½- .07
Iodide, bots..... lb. 4.77 - —
jars ..... lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks..... lb. .08½- .10½
Oxide, ungrd., dms., c.l., works, lb. .08 - —
l.c.l., same basis..... lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls..... lb. .12 - .16
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls..... lb. .09½- .10
kgs. ..... lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.25.15 - —
l.c.l., same basis..... ton.26.15 - —
paper bags, c.l., St. Louis. ton.22.85 - —
l.c.l., same basis..... ton.23.85 - —
ex whse., New York..... ton.31.50 - —
Southern off color, bulk mines, ton.12.00 - —
95.75%, bulk, mines..... ton.16.00 - —
ore, bulk, mines..... ton. 7.00 - —
Cuban, crude, c.l., c.l.f..... ton.11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. No prices
l.c.l., ex whse..... ton. No prices
ungrd., bulk, c.l., ex dock.ton. No prices
Italian, grd., bbls., c.l., ex dock, t.a..ton. No prices
l.c.l., ex whse..... ton. No prices
Bauxite, bulk mines..... ton. 7.00 10.00
Bay leaves (see Laurel leaves)
Bay rum, import., bbls..... lb. .82 - .90
Bayberry bark, bgs..... lb. .14 - .15
Belladonna leaves, bls..... lb. .70 - .75
Root, bls..... lb. .78 - .80
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs..... lb. .90 - .95
Benzene (see Benzol).
Benzidin base, bbls..... ..... lb. .70 - —
Benzol, 90%, dms., returnable, works..gal. .20 - —
tankcars, frt. alld. E. of Omaha, gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzoyl chloride, cbys..... lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cans....lb. .49 - —
dms. ..... lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cns..lb. .84 - —
dms. ..... lb. .80 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Cinnamate, cns..... lb. 4.15 - 5.50
Formate, cns..... lb. 2.75 - 3.50
Benzylidineacetone, bots..... lb. 2.00 - 2.50
Berberine bisulphate, cns..... lb. 17.25 -17.50
Hydrochloride, cns..... lb. 17.25 -17.50
Sulphate, cns..... lb. 17.25 -17.50
Berberis root, bls..... lb. .12 - .18
Betanaphthol, sublim., kgs....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works..... lb. .24 - —
Benzoate, fig. dms..... lb. 2.10 - —
kgs. ..... lb. 2.00 - —
Betanaphthylamine, tech., kgs. lb. .51 - —
Beth root, bls..... lb. .19 - .21
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars ..... lb. 2.65 - —
Hydroxide, 5-lb. bots..... lb. 3.48 - —
cns. ..... lb. 3.35 - —
Metal, ton lots..... lb. 1.25 - —
Nitrate, cryst., 5-lb. bots...lb. 1.45 - —
cns. ..... lb. 1.30 - —
Oxychloride, 5-lb. bots..... lb. 3.19 - —
cns., kgs..... lb. 3.10 - —
Subbenzoate, 5-lb. bots..... lb. 3.36 - —
fib. dms..... lb. 1.13 - —
Subcarbonate, bots., cns..... lb. 1.82 - 2.06
fib. dms..... lb. 1.73 - 1.76
X-ray, 5-lb. bots..... lb. 3.02 - —
fib. dms..... lb. 2.90 - —
Subgallate, bots., cns..... lb. 1.77 - 2.06
fib. dms..... lb. 1.68 - 1.71
Subiodide, cns..... lb. 4.01 - —
fib. dms..... lb. 3.98 - -
Subnitrate, powd., bots., cns..lb. 1.57 - 1.83
fib. dms..... lb. 1.48 - 1.51
Bismuth, subsalicylate, 60-66%, bots..lb. 2.59 - —
bbls., fib. dms..... lb. 2.50 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms..... lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. ..... lb. 3.45 - —
Bismuth-ammonia, citrate, USP, powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns..... lb. 3.45 - 3.50
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms..... lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .17 - —
l.c.l., frt. alld. E..... lb. .17½- —
3, bbls., bgs., c.l., frt. alld. E., lb. .10½- —
l.c.l., frt. alld. E..... lb. .11 - —
4, bbls., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E..... lb. .10 - —
5, bbls., bgs., c.l., frt. alld. E., lb. .08½- —
l.c.l., frt. alld. E..... lb. .09 - —
6, bbls., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E..... lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E., lb. .10 - —
l.c.l., frt. alld. E..... lb. .10½- —
8, bbls., bgs., c.l., frt. alld. E., lb. .11 - —
l.c.l., frt. alld. E..... lb. .11½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants..lb. .03075- —
f.o.b. North Atlantic ports, lb. .03950- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .07025- —
dlvd..lb. .07025- —
beads, compressed, bgs., c.l., f.o.b. plants..lb. .02925- —
f.o.b. North Atlantic ports, lb. .0380- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .06525- —
dlvd..lb. .06525- —
bulk, cars, c.l., f.o.b. plants, lb. .02¾- —
f.o.b. New York harbor..lb. .0363- —
All carbon black prices are for delivery in August-September.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, pure, bbls., l.c.l., works..lb. .08⅝- —
2, bbls., l.c.l., works..... lb. .08 - —
Ivory, genuine, bbls..... lb. .30 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works..... lb. .08 - —
2, ctns., c.l., works..... lb. .09 - —
l.c.l., works..... lb. .10 - —
2A, ctns., c.l., works..... lb. .11 - —
l.c.l., works..... lb. .12 - —
3, ctns., c.l., works..... lb. .13 - —
l.c.l., works..... lb. .14 - —
4, ctns., c.l., works..... lb. .15 - —
5, ctns., c.l., works..... lb. .17 - —
l.c.l., works..... lb. .18 - —
6, ctns., c.l., works..... lb. .24 - —
l.c.l., works..... lb. .25 - —
7, ctns., c.l., works..... lb. .34 - —
l.c.l., works..... lb. .35 - —
vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y..lb. .05½- —
works..lb. .13½- .15½
dms., c.l., frt. alld..... lb. .09 - —
l.c.l., frt. alld..... lb. .09½- —
Black dyes are listed under Dyes.
Black Haw, root bark, bls....lb. .27 - .29
Tree bark, bls..... lb. .16 - .17
Black Indian hemp root, bls..lb. .22 - .23
Blanc fixe, dry, by-product, bgs., c.l., works..ton.50.00 - —
l.c.l., works..... ton.62.50 - —
direct process, bgs., l.c., works, frt. equald..ton.70.00 - —
l.c.l., same basis....ton.75.00 -90.00
pulp, 66⅔%, bbls., c.l., works, ton.35.00 - —
l.c.l., works..... ton.42.50 - —
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works..... 100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16¼ ammon., bgs., f.o.b. N. Y., unit-ton. 2.25 - —
high-grade, gr., 16-17 ammon., bulk, f.o.b. Chicago, unit-ton. 2.25 - —
import, bgs., c.i.f. ports, ship., unit-ton. 2.35 - —
soluble (see Albumen, blood)
Bloodroot, bls..... lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Ammonia Hypophosph.—Buchu

Blue, bronze, bbls., same basis, contracts..lb. .33 - —
Celestial, bbls..... lb. .10 - .12
Chinese, bbls., same basis, contracts..lb. .33 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis, contracts..lb. .33 - —
Potash, dom., bbls., same basis, contracts..lb. .42 - —
Prussian, bbls., same basis, contracts..lb. .33 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs..... lb. 3.25 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equald..lb. .22 - .24
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same
Blue, ultramarine, dlvd., ex whse., is 1c. higher; Pac. Coast, ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls., 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis, alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blue mass, USP, cns..... lb. 1.57 - 1.59
powd., cns..... lb. 1.60 - 1.62
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.30.00 -33.00
import, bgs., c.i.f. ports..ton.31.00 - —
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.29.00 -30.00
import, 100-lb. bgs., c.i.f. ports, ship..ton.32.50 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.).
Steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.28.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.34.50 - —
Boneset leaves, bls..... lb. .08½- .09
Borage flowers, bls..... lb. .35 - .48
Borax, tech., 99½% gran., bulk, c.l., frt. alld..ton.40.50 - —
bgs., c.l., frt. alld..... ton.43.00 - —
ton lots, ex whse..ton.54.00 - —
less than ton lots, ex whse..ton.59.00 - —
bbls., c.l., frt. alld....ton.53.00 - —
ton lots, ex whse....ton.64.00 - —
less than ton lots, ex whse..ton.69.00 - —
powd., bgs., c.l., frt. alld., ton.48.00 - —
ton lots, ex whse....ton.59.00 - —
less than ton lots, ex whse..ton.64.00 - —
bbls., c.l., frt. alld....ton.58.00 - —
ton lots, ex whse....ton.69.00 - —
less than ton lots, ex whse..ton.74.00 - —
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over, no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots..... lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - —
single pkg., same basis..lb. .30 - —
Bromoform, USP, 100-lb. lots, bots..lb. 1.50 - —
cbys. ..... lb. 1.42 - —
Bromstyrol, bots..... lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtops, bls..... lb. .12 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y..lb. .11¼- —
Metallic, iron oxide, bbls., wks., lb. .02¼- —
paper bgs., c.l., works..... lb. .0210- —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03¼- —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
2, bbls., same basis...lb. .11½- —
3, bbls., same basis...lb. .10½- —
4, bbls., same basis...lb. .09 - —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .08¼- —
8, bbls., same basis...lb. .08 - —
9, bbls., same basis...lb. .07½- —
10, bbls., same basis...lb. .07½- —
11, bbls., same basis...lb. .07 - —
12, bbls., same basis...lb. .06½- —
13, bbls., same basis...lb. .06¼- —
14, bbls., same basis...lb. .05¾- —
raw, American, bbls., f.o.b. works..lb. .02⅞- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12¾- —
2, bbls., same basis...lb. .11¼- —
3, bbls., same basis...lb. .12¾- —
4, bbls., same basis...lb. .09¾- —
5, bbls., same basis...lb. .09¼- —
6, bbls., same basis...lb. .08¾- —
7, bbls., same basis...lb. .09 - —
8, bbls., same basis...lb. .07½- —
9, bbls., same basis...lb. .07 - —
10, bbls., same basis...lb. .06¼- —
11, bbls., same basis...lb. .05¼- —
Umber, American, bbls., works, lb. .03½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N.Y..lb. .04¼- —
St. Louis..... lb. .04¾- —
l.c.l., ex car Los Angeles, Portland, San Francisco, Seattle..lb. .05 - —
ex whse., Los Angeles, Portland, San Francisco, Seattle..lb. .05½- —
Boston ..... lb. .04½- —
Chicago, Indianapolis, New Orleans..lb. .05 - —
Kansas City..... lb. .05½- —
Minneapolis ..... lb. .0510- —
Pittsburgh ..... lb. .04¾- —
Vandyke, bbls., l.c.l..... lb. No prices
Walnut crystals, bbls..... lb. .06½- —
Brucine, 100 oz., cns..... oz. .15 - —
Sulphate, 100 oz., cns..... oz. .12 - —
Bryonia root, bls..... lb. .28 - .30
Buchu leaves, bls..... lb. .62 - .65

Buckthorn—Cyclohexanone

Buckthorn bark, true, bls.....lb. .45 - .50
cut and sifted, bbls.....No prices
Berries, bgs.....lb. .28 - .30
Burdock root, bls.....lb. .19 - .24
Burgundy pitch, dom., dms...lb. .03½- .06
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., wks., lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, frt. alld.....lb. .08 - —
tankwagons, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .07½- —
dms., l.c.l., same terms.lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l.....lb. .23 - —
Crotonate, normal, 55-gal. dms., dlvd..lb. .35 - —
5-gal. cns.....lb. .75 - —
1-gal. cns.....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms.....lb. .23½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks.....lb. .15½- —
Stearate, dms.....lb. .28½- —
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —
Butane, coml., 16-34°, tanks, group 3..gal. .02½- .03

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.56 - —
single jars.....lb. 1.61 - —
5-lb. bots.....lb. 1.75 - —
Cyanide, 25-lb. bots., dlvd...lb. 3.00 - —
25-lb. cks., dlvd.....lb. 3.50 - —
Iodide, 5-lb. bots.....lb. 4.19 - —
25-lb. cns.....lb. 4.05 - —
Lithopone (see Yellow).
Metal, pat., shapes, cs.....lb. .85 - —
ingots or sticks.....lb. .80 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 10,000 lbs. or more, 100 lb. dms..lb. 2.60 - —
25 lb. dms.....lb. 2.63 - —
10 lb. cns.....lb. 2.65 - —
2,000 lbs. or more, 100 lb. dms..lb. 2.65 - —
25 lb. dms.....lb. 2.68 - —
10 lb. cns.....lb. 2.70 - —
1,000 lbs. or more, 100 lb. dms..lb. 2.70 - —
25 lb. dms.....lb. 2.73 - —
10 lb. dms.....lb. 2.75 - —
100 lbs. or more, 100 lb. dms.lb. 2.80 - —
25 lb. dms.....lb. 2.83 - —
10 lb. cns.....lb. 2.85 - —
less than 100 lbs., 10 lb. cns..lb. 3.15 - —
5 lb. cns.....lb. 3.10 - 3.25
Citrated, bots.....lb. 2.30 - 2.35
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .25 - .30
Calamus root, peeled, N. F., cs., lb. .40 - .45
bleached, bls.....lb. 1.00 - 1.25
Calcium acetate, bgs., dlvd., 100 lbs. 1.90 - —
Arsenate, bgs., c.l.....lb. .06½- —
l.c.l.....lb. .06¾- —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .65 - —
50 lbs., works.....lb. .67 - —
25 lbs., works.....lb. .70 - —
Carbide, dms., c.l., dlvd.100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse..... 100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dms., 77-88%, dms., c.l., dlvd..lb.20.50 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.63 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., dlvd..ton.19.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.53 - 2.25
Gluconate, USP, gran., powd., 150-lb. bbls..lb. .50 - —
dms.....lb. .55 - .57
cns.....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports..ton. No prices
Palmitate, bbls.....lb. .22 - .24
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs, c.i.f., Atlantic ports, shipt...unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .20½- —
l.c.l., 1 ton.....lb. .22½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., works..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. 1.25 - —
Sulphocarbolate, bbls., 200 lbs. lb. .47 - .48
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .60 - .72
Calomel, bbls., fib., dms., kgs., 50 lbs. or more..lb. 2.95 - —
Camphor, natural, powd., cs..lb. .83 - .84
slabs, cs.....lb. .83 - .84
tablets, tins.....lb. .87 - .88
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .36 - —
smaller lots, works..lb. .41 - —
USP, or import, gran., powd., bbls., 2,000-lb. lots..lb. .60 - —
1,000-lb. lots.....lb. .61 - —
smaller lots.....lb. .62 - —
tablets, 2,000-lb. lots.....lb. .73 - —
1,000-lb. lots.....lb. .74 - —
smaller lots.....lb. .75 - —
Monobromate, bxs., kgs.....lb. 2.00 - 2.05

Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs..lb. .0340- .0360
Morocco, bgs.....lb. .0370- .0390
Turkish, bgs.....lb. .0330-.0360
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. 1.50 - 1.60
powd., bxs.....lb. 1.75 - 1.85
Russian, cs.....lb. 2.25 - 2.30
powd., bxs.....lb. 2.50 - 2.55
Capsicum (see Pepper, red).
Caraway, Dutch.....lb. .23 - .23½
Russian.....lb. .21½- .22
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
96%, dms., ton lots, works...lb. .75 - —
smaller quantities, works..lb. .85 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., frt., alld..lb. .22½- —
l.c.l., frt. alld.....lb. .23½- —
tanks, frt., alld.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07¼
l.c.l., same basis.....lb. .08 - .08¾
Dioxide, cyls.....lb. .06 .08
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .63½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l., frt. alld.....gal. 1.20 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l.....gal. .90 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l.....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W.Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.10 - 1.60
decorticated, cs.....lb. .84 - .85
green, bgs.....lb. .65 - .66
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .14 - .16
Case - hardening mixture, 30% lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .13½- .14½
5 tons, works.....lb. .14 - .15
smaller lots, works.....lb. .14½- .15½
80-100 mesh, bgs., c.l.....lb. .14 - .15
5 tons, works.....lb. .14½- .15½
smaller lots, works.....lb. .15 - .16
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .11½- .12½
80-100 mesh, bgs., c.l., duty paid..lb. .12 - .13
French, 30 mesh, bgs., c.l., duty paid..lb. No prices
New Zealand, 20-30 mesh, c.l., bgs., duty paid..lb. No prices
Cassia, Batavia, No. 1, thin quill, bls..lb. .17¼- .17¾
No. 1, regular, bls.....lb. .16 - .16½
shortstick, bls.....lb. .13 - .13¼
broken, bls.....lb. .12½- .12¾
China, rolls, select, bls.....lb. .09¾- .10
broken, extra, bls.....lb. .09½- .10
Saigon, bls.....lb. .15 - .16
Cassia buds, cs.....lb. .13¼- .13½
Cassia fistula, bskts.....lb. .16 - .18
Castile soap, Italian, white, bars, 40-lb. cases..case.14.00 - —
powd., bbls.....lb. .33 - .36
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor beans, Brazilian, ship't., c&f, N.Y..ton.48.00 - —
Oil (see Oil, castor).
Pomace, dom., 6½% ammon., bgs., c.l., works..ton.15.00 - —
import, bgs., c.i.f. ports, shipment..ton. No prices
Celery seed, French, bgs.....lb. .39 - .40
Indian.....lb. .16½- .17
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., frt. alld..lb. .30 - —
Acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld. lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkg., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkg., works.....lb. .44 - —
medium (10-10.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkg., works.....lb. .46 - —
Acetate-propionate, high 20-40% propionyl content), 100-lb. ctn., 5,000 lbs. and up, frt.alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkg.. works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld.lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkg., works.....lb. .44 - —
medium (10-10.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld., lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkg., works.....lb. .46 - —
Triacetate, flake, frt. alld.....lb. .30 - —

Cerium hydrate, dms., works..lb. .60 - —
oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b. works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .70 - .75
Roman, bls.....lb. 1.40 - 1.45
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.35.40 - —
Colo.....ton.32.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.35.80 - —
Ill. (except river point), Minn., Neb., Wis., ton.27.00 - —
Indiana.....ton.31.00 - —
Ill. (river points), Mo., Okla., Tex. (except El Paso), Ia.....ton.25.00 - —
Kansas, El Paso, Tex. ton.26.00 - —
Michigan.....ton.32.80 - —
Ohio.....ton.32.80 - —
Penn.....ton.34.80 - —
Utah.....ton.36.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .02½- —
l.c.l., bbls., works.....lb. .02¾- —
tanks, works.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works, ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works.ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.26.00 Nom.
powd., cks., l.c.l., ex dock, ton.39.00 Nom.
ex whse.....ton.42.00 Nom.
Chloral hydrate, bots., 1,000 lbs., lb. .93 - 1.02
500 lbs.....lb. .98 - 1.05
100 lbs.....lb. .98 - 1.07
25 lbs.....lb. 1.00 - 1.09
1-10 lbs.....lb. 1.05 - 1.12
dms., 1,000 lbs.....lb. .90 - —
500 lbs.....lb. .93 - —
100 lbs.....lb. .95 - —
Chlorinated rubber, standard, c.l., ctns., works..lb. .32 - —
100 lbs., ctns.....lb. .35 - —
smaller lots.....lb. .38 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05¼- —
contracts, dlvd., N. Y..lb. .05¼- —
l.c.l., dlvd., N. Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, works, frt. equald..100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.15 - —
1, works, frt. equald., 100 lbs. 2.60 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, com'l, 180-lb. cyls., works..lb. .80 - —
100-lb. cyls., works.....lb. .85 - —
5-25-lb. cyls., works.....lb. 1.00 - 1.15
Chrome acetate, powd., 24%, bbls., dlvd..lb. .13½- —
solut., 8½%, cs., bbls.....lb. .05¾- —
Cake, bulk, c.l., works.....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms., 100 lbs. lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scale, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.00 - —
Cinchona bark, quill, USP, 10 in., medium, cs..lb. .75 - .80
20 in., thick, cs.....lb. .75 - .80
20 in., medium, cs.....lb. .75 - .80
USP, broken quill, red, bgs., lb. .21 - .23
yellow, bgs.....lb. .21 - .23
Cinchonidine, small crys., cns., 100 ozs..oz. .89 - —
Sulphate, N.F., cns.100 ozs..oz. .53 - —

Cinchonidine buyers must pay a surcharge of 7c. per oz. to cover present war risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine, small crys., cns., 100 ozs..oz. .62 - —
large cryst., cns..100 ozs.oz. .66 - —
Sulphate, N.F., cns.100 ozs..oz. .42 - —

Cinchonine buyers must pay a surcharge of 7c. per oz., to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, 25-lb. fib. dms., lb. 3.40 - —
1 and 5-lb. bots.....lb. 3.50 - 3.55
100 lbs., dms.....lb. 3.30 - —
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .16¾- .17¼
3 bls.....lb. .16¼- .16¾
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars.....lb. .95 - .97
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.85
Clove, Amboyna, bgs.....lb. .24½- .25
Cloves, Madagascar.....lb. .16¼- .16¾
Zanzibar.....lb. .16¼- .16¾
Clover tops, red, bgs.....lb. .40 - .45
dom., bgs.....lb. .33 - .35
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —

Cobalt acetate, bbls., kgs., dlvd., lb. .80¼- —
Carbonate, powd., bgs., works, lb. 1.58 - —
Chloride, kgs., works.....lb. .85 - —
Hydrate, bbls.....lb. 1.98 - —
Linoleate, paste, 5%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13¾- —
1 %, bbls.....lb. .13 - —
2 %, bbls.....lb. .14 - —
3½%, bbls.....lb. .17¾- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .65 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter, bulk, c.l., bgs...lb. .1065- .1075
Cocillana bark, bgs.....lb. .28 - .30
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 oz.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .07 - .08
Blue, root, bls.....lb. .07 - .08
Colchicine, bots., cns.....oz.20.00 -25.00
Colchicum seed, bgs.....lb. 1.05 Nom.
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
flexible, USP, dms., 325 lbs..lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .55 - .56
Colombo root, bls.....lb. .15 - .16
Coltsfoot leaves, bgs.....lb. .25 - 27.
Condurango bark, bgs.....lb. .11 - .12
Conium leaves, bls.....lb. .30 - .32
Copaiba balsam, Para, cns.....lb. .31 - .32
S.A., USP, cns.....lb. .33 - .34
Copper acetate, normal, bbls., dlvd..lb. .22 - —
smaller containers, dlvd..lb. .24 - —
Carbonate, 52-54%, bbls.....lb. .1610- —
Chloride, crvst., bbls.....lb. .16 - —
Cyanide, tech., bbls.....lb. .34 Nom.
Iodide, bots.....lb. 5.15 - 5.19
Metal electrolytic.....lb. .10¾- .11
Nitrate, cryst., bbls.....lb. .16¼- —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, 79-80%, bbls., tons, works..lb. .18 - —
Red, com'l., 80-88%, kgs., f.o.b. N.Y..lb. .19¼- —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23½- .24½
Sulphate, 99% cryst., bbls., c.l., f.o.b. works..100 lbs. 4.45 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.60 - —
6-15 bbls., same basis, 100 lbs. 4.80 - —
1-5 bbls., same basis 100 lbs. 5.05 - —
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 8.95 - 9.20
l.c.l., dealers.....100 lbs. 9.95 -10.20
Copperas, cryst., gran., bgs., c.l., works..ton.18.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.55 - —
5-24, works.....100 lbs. 1.65 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0140 Nom.
Coriander, bags.....lb. .0465- .0500
bleached, bgs.....lb. .08 - .08¼
Corn sugar, tanner's chipped, bgs., c.l., dlvd..100 lbs. 3.39 - —
slabs, bbls., c.l.....100 lbs. 3.31 - —
solid, bbls., c.l.....100 lbs. 3.43 - —
Syrup, 42°, bbls., c.l..100 lbs. 3.42 - —
43°, bbls., c.l.....100 lbs. 3.47 - —
Cornsilk, bls.....lb. .15 - .16
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.39 - —
gran., powd., dms., 50 lbs. or more..lb. 2.24 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed, hull ash, 32-36% potash, bgs., dlvd., unit-ton. 1.10 - —
meal, 8%, Southeast mills..ton.27.25 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .23 - .24
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .16 - .18
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .34¼- —
smaller lots, bbls.....lb. .34¾- —
kgs.....lb. .35¼- —
Creosote, beechwood, bots.....lb. No prices
hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.90 - 2.20
Oil, crude, tanks, works..gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .09¾- —
l.c.l., same basis.....lb. .10¼- —
special resin grade, dms., c.l., works..lb. .08¾- —
l.c.l., same basis.....lb. .09¼- —
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works..lb. .15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28

4% rotenone prices are 4c. per lb. less.

Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.....lb. .42 - .44
powd., cs.....lb. .47 - .48
Culver's root, bls.....lb. .16 - .17
Cumin seed, Morocco, bgs.....lb. .17½- .18
Cyprus, bgs.....lb. .16 - .16½
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid..lb. .04½- —
Cyanamide, 22% N_2, pulv., bgs., dlvd., contracts, N_2..unit-ton. 1.40 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works, frt. alld. E. of Rockies...lb. .25 - —
Cyclohexanol, 98-100%, dms., works, frt. alld. E. of Rockies...lb. .30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld. E. of Rockies..lb. .40 - —

D

Damiana leaves, bls.....lb. .17 - .24
Dandelion root, German, bls...lb. .55 - .60
Deertongue leaves, bls.....lb. .12 - .14
Degras common, dom., bbls...lb. .08 - .09½
neutral, dom., bbls.....lb. .13½- .16½
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y., frt. equal'd, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs. to 10,000 lbs.....lb. .26 - .30
1,000 lbs. to 2,000 lbs.....lb. .28 - .32
200 lbs. to 1,000 lbs.....lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contracts are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk, cns....lb. 2.25 - 3.25
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.05 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.15 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.80 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.00 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.75 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.95 - —
Potato, import, bgs.....lb. .08½ Nom.
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 10.00 -11.00
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .80 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tanks, dlvd.....lb. .20 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .48 - .50
tanks, works.....lb. .45 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., bgs., l.c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -50.00
Import, bgs., c.l., c.l.f.....ton. No prices
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .51 - .53
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25½
Sebacate, dms., works.....lb. .50 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0221- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½- —
Diethylamine, dms., l.c.l., works, lb. .70 - —
Diethylcarbonate, coml., dms..lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Oxalate, dms., l.c.l., dlvd....lb. .27 - —
Phthalate, dms., c.l., frt. alld., lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylaniline, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .14½- —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works.lb. .22½- .24½
Monoethylether, dms., c.l., works, lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .35 - .40
Diglycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .12 - .13
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylaniline, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd..... .....lb. 1.05 - —
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls, 80° min., lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
dest., dist., dms.....gal. .45 - .48
tanks .....gal. .38 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Dimethylethyl carbinol (see Carbinol).
Doggrass root, cut, N. F., bls.lb. .35 - .40

Damiana—Dyes

Dogwood bark, Jamaica, bls., lb. .08 - .10
Dovers powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, cs.....lb. 1.00 - 1.05
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1 cns..lb.13.50 - —
FD&C blue, No. 2, cns.....lb.13.50 - —
FD&C green, No. 2, cns....lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
Green, FD&C green, No. 1, cns. lb.13.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors), for drugs and cosmetics:—
Black, D&C black, No. 1, lb. 8.35 - —
Blue, D&C blue, No. 6....lb.13.50 - —
Brown, D&C brown, No. 1, cns. lb.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4 cns....lb.15.35 - —
D&C orange, No. 10, cns..lb.15.85 - —
D&C orange, No. 11, cns...lb.17.35 - —
Red, D&C red, No. 5.....lb. 6.00 - —
D&C, red, No. 17.....lb. 8.35 - —
D&C, red, No. 18.....lb.18.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns. lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11.....lb.10.35 - —
Dyes, coaltar (certified colors) for external use drugs and cosmetics:—
Blue, Ext.D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext.D&C, green, No. 1, cns..lb.12.33 - —
Red, Ext.D&C, red, No. 1, cns..lb.10.35 - —
Ext.D&C, red, No. 3.....lb.21.35 - —
Ext.D&C, red, No. 8.....lb. 7.85 - —
Ext.D&C, red, No. 10, cns.. lb.12.35 - —
Ext.D&C, red, No. 13, cns.. lb.12.35 - —
Yellow, Ext.D&C, yellow, No. 1, cns..lb. 8.35 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
49 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
176 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
Sulphur tan.....lb. .30 - .50
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B.lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.35
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B...lb. .40 - .42
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20 p. c. paste.lb. .15 - .18
Benzo fast black L...lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
865 Nigrosin derivatives...lb. .38 - .62
Blue:—
1075 Alizarin astrol base..lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
... Orange, red shade....lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .90 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —

SOLVAY PRODUCTS

TRADE MARK REG. U. S. PAT. OFF.

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THREE Solvay Chlorine manufacturing centers—Syracuse, New York; Hopewell, Virginia, and Baton Rouge, Louisiana—insure simplified shipments and handling and faster deliveries of high-quality Solvay Liquid Chlorine.

Exacting production methods have placed Solvay Liquid Chlorine in the fore as the standard of quality. It is always full strength . . . always pure when you receive it.

SERVICE — As part of Solvay's customary service procedure, the Solvay Technical Service Department is prepared to give you expert assistance in the problems that arise in the use or handling of Liquid Chlorine. Other Solvay departments, such as its Traffic Department, which assures the most advantageous routing of cars, and Distribution and Warehouse Divisions, are ever seeking out new means to aid customers.

You will find that Solvay's "Big 3" Plant Service will prove of definite benefit to your requirements. It is a service designed to fulfil your needs as an alkali and chlorine user. Your inquiries as to how Solvay Service can be made available to you are cordially invited.

Solvay Liquid Chlorine is shipped in single tank cars of 16 and 30 tons, in multiple unit tank cars of 15 one-ton containers and in cylinders of 100 and 150 lbs.

As a Liquid Chlorine user you will be interested in the comprehensive Solvay booklet on the handling of Liquid Chlorine. It contains valuable data, including tables that are informative and easy to consult. Write for it today.

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✓ CAUSTIC SODA
✓ MODIFIED SODAS
✓ SPECIAL ALKALIES
✓ HEAVY DUTY CLEANSERS
✓ NITRITE OF SODA
✓ CALCIUM CHLORIDE
✓ CAUSTIC POTASH
Liquid—Flake—Ground—Solid—Lump
✓ AMMONIUM CHLORIDE
✓ PARA-DICHLOROBENZENE
✓ ORTHODICHLOROBENZENE
✓ AMMONIUM BICARBONATE
✓ POTASSIUM CARBONATE
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47% 83-85% 98-100%

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Cleveland Detroit New Orleans
New York Philadelphia Pittsburgh
St. Louis Syracuse

STANDARD SINCE 1881

Dyes—Gum, Copal

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .38 - .44
Blue:—
860 Indulin .....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base...lb. .85 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 2¢ lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
281 Bismarck brown G...lb. .40 - .52
332 Bismarck Brown R...lb. .40 - .52
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.35 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crosein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .18 - .18
Egg albumen (see Albumen).
yolk, dom., bbls.....lb. .59 - .62
imported .....lb. .50 - .55
Elder flowers, bright, bls.....lb. .50 - .55
Elecampane root, bls.....lb. .10 - .1
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls, bxs.....lb. .19 - .20
select, bndls.....lb. .19 - .21
Emetine hydrochloride, bots...oz.24.00 -28.00
Ephedra, bls.....lb. .12 - .18
Ephedrine, tins, 1,000 ozs.....oz. .85 - —
tins, 100 ozs.....oz. .95 - —
Hydrochloride, tins, 1,000-oz lots..oz. .65 - —
tins, 100-oz. lots.....oz. .75 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. .65 - —
tins, 100-oz. lots.....oz. .75 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, dom., bgs., l.c.l.....lb. .08 - .09
Ergot, USP, cns., dms.....lb. 2.75 - 2.80
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.36.00 - —
Sulphate, bots.....oz.36.00 - —
Ether, acetic (see Ethyl acetate).
Butyl, l.c.l., dlvd.....lb. .25 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works....lb. .08 - —
l.c.l., works.....lb. .09 - —
Ether, USP, anesthesia, dms., 27 lbs..lb. .26 - —
lb. .26 - —
USP, 1550, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .07 - —
l.c.l., frt. alld.....lb. .07½ - —
tanks, frt. alld.....lb. .06 - —
95-98%, dms., c.l., frt. alld.lb. .07¼ - —
l.c.l., frt. alld.....lb. .07¾ - —
tanks, frt. alld.....lb. .06¼ - —
N.F., 460-lb. dms.....lb. .09½ - —
cns., 35 lbs.....lb. .14 - —
Acetoacetate, dms., c.l., wks.lb. .27½ - —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Ethyl, chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55-gal. dms., dlvd., lb. .35 - —
1-gal. cns.....lb. 1.00 - —
5 and 10-gal. dms., dlvd....lb. .75 - —
Formate, cns., dms.....lb. .25 - .26
Iodide, bots.....lb. 3.50 - 3.60
Lactate, 55-gal. dms., works.lb. .33½ - —
5-gal. dms., works.....lb. .37½ - .39½
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25-lb. lots, cns.....lb. 6.00 - —
5-lb. lots, cns.....lb. 6.05 - —
1-lb. lots, cns.....lb. 6.15 - —
Ethylcellulose, contracts, bgs., c.l., frt. alld..lb. .45 - —
500 lbs. or more, frt. alld., lb. .47 - —
500 lbs. or more, frt. alld.lb. .48 - —
100 to 499 lbs., frt. alld..lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene, dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0595- —
West of Rockies, same basis..lb. .0644- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0694- —
West of Rockies, same basis..lb. .0743- —
Ethylenegiycol, dms., c.l.....lb. .14½ - —
l.c.l. .....lb. .15½ - .18½
tanks .....lb. .13½ - —
Monobutylether, dms., c.l.,works, lb. .16½ - —
l.c.l., works.....lb. .17½ - .20½
tanks, works.....lb. .15½ - —
Monoethylether, dms., c.l.,works, lb. .14½ - —
l.c.l., works.....lb. .15½ - .18½
tanks, works.....lb. .13½ - —
Monoethylether, acetate, dms., c.l., works..lb. .11½ - —
l.c.l., dms.....lb. .12½ - .15½
tanks, works.....lb. .10½ - —
Monomethylether, dms., c.l., works..lb. .15½ - —
l.c.l., works.....lb. .16½ - —
tanks, works.....lb. .14½ - —
Ethylidinaniiin, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .80 - .85
Eucalyptus leaves, bls.....lb. .11 - .12
Eugenol, cns., dms.....lb. 1.75 - 2.00
Euphorbia, bls.....lb. .10 - .11

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons..ton.17.00 -20.00
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
l.c.l., minimum 2 tons..ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N. C., works.....ton.17.00 -19.00
l.c.l., minimum 2 tons.ton.20.00 -22.00
Fennel seed, Indian, bgs.....lb. .13½ - .14
French, bgs.....lb. .35 Nom.
German, large, bgs.....lb. .33 Nom.
Roumanian, bgs.....lb. .14 - .14½
Fenugreek seed, bgs.....lb. .04½ - .05
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .13 - —
smaller lots, works...lb. .14 - —
light, cs., 1.000 lbs. or over, works..lb. .14 - —
smaller lots, works...lb. .15 - —
water white, cs., 1,000 lbs. or over, works..lb. .15 - —
smaller lots, works...lb. .16 - —
Fir balsam, Canada, cns....gal.15.50 -16.00
Oregon, bbls.....gal. 1.10 - 1.15
Fish berries, bgs.....lb. .15 - .17
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 3.10 & .10
bgs., f.o.b. Balto...ton.50.00 - —
6-7% ammon., 3% phosphor, acid, bulk, So. Atlantic factories, contracts..... unit-ton. 2.25 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports. Aug. shipt..ton.51.00 - —
spot..ton.51.00 - —
Flake white, dom., bbls.....lb. .08¾- —
kegs .....lb. .10¾- —
Fleaseed, French, black, bgs..lb. .32 - .35
Indian, blonde, bgs.....lb. .09 - .10
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, net ton.32.60 - —
washed gravel, 85.5 f.o.b. Ky. and Ill.-Ky. mines..net ton.20.00 - —
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..net ton.20.00 - —
Imported, 85.5, duty paid, short ton. No prices
Formaldehyde, bbls., c.l., works, lb. .0550- —
l.c.l., works.....lb. .06 - —
dms., c.l., works.....lb. .0515- —
l.c.l., works.....lb. .0565- —
tanks, works.....lb. .04 - —
Fringetree bark, bls.....lb. .14 - .15
Fullers earth, dom., bgs., c.l., f.o.b Fla., Ga. mines..ton.15.00 - —
import., bgs., c.l., ex dock.ton. No prices
l.c.l., ex whse.....ton. No prices
Furfural, ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .20
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl. dlvd., lb. .16 - .17½
Fustic extract, cryst., bbls....lb. .24 - .25
liquid, bbls.....lb. .10½- .14
solid, dms.....lb. .19 - .21

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .11 - .12
Gambier, common, cases.....lb. .07 Nom.
plantation, cases.....lb. .10-.10½ Nom.
Cubes, Singapore, cases.lb. .10-.10½ Nom.
extract, bbls.....lb. .09½- .12
Gasoline, at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06- .06¼
65 octane and above, tanks, gal.. .06¾- .07¼
California, 54-58, tanks...gal. .05 - .06½
Gulf Coast, U. S. Motor, bulk, gal. .05¼- —
60-62, 390 e.p., bulk, export, gal. .05¼- —
63-67, 375 e.p., bulk, export, gal. .05½- —
70-72, 400 e.p., bulk, export, gal. .06 - —
Gasoline, at refinery, Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04⅜- .04¼
63-66 octane, tanks....gal. .04⅜- .04½
67-69 octane, tanks....gal. .04⅝- .04¾
70-72 octane, tanks....gal. .05 - .05¼
Oklahoma-Texas, Us motor, 62 octane and below, tanks..gal. .03⅝- .04
third grade, tanks.....gal. .03⅝- .04
63-66 octane, tanks....gal. .03⅞- .04⅜
67-69 octane, tanks....gal. .03⅞- .04¼
70-72 octane, tanks....gal. .04⅛- .04⅜
natural, 12-lb. v.p., tanks, gal. .01¼- .01⅜
14-lb. v.p. tanks.....gal. .01¼- .01½
18-lb. v.p., tanks.....gal. .01⅛- .01⅜
22-lb. v.p., tanks.....gal. .02 - —
26-70-lb. v.p., tanks...gal. .01¼- .01⅛
below 60 octane, tanks.gal. .02 - —
66 octane, tanks.....gal. .04 - —
52-54 450 e.p., naphtha, tanks..gal. .03 - —
gal. .01½- .01⅝
14-lb. v.p. tanks.....gal. .01¾- .01⅞
Gelatine, silver, cs.....lb. .42 - .43
Geisemium root, bls.....lb. .14 - .15
Gentian root, bls.....lb. .18 - .20
grd., bbls., bxs.....lb. .23 - .25
powd., bbls., bxs.....lb. .24 - .26
Geraniol, cns., dms.....lb. .60 - 3.00
Ginger, African, No. 1, bags..lb. .05½- .06
Cochin, lemon, bgs.....lb. .10¾- .11
Jamaica, bold, bgs.....lb. .10 - .10½
medium, bgs.....lb. .10½- .11
grinding, bright, bgs....lb. .09½- .10
Japanese, bgs.....lb. .08 - .08¼
Ginseng root, wild Southern, cs., lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, woks. 100 lbs. 1.15 - 1.35
import, bgs.....100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .13½- —
l.c.l., dlvd.....lb. .14 - —
36/58, bgs., c.l., dlvd....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
38/82, bgs., c.l., dlvd....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
82/108, bgs., c.l., dlvd....lb. .15 - —
l.c.l., dlvd.....lb. .15½- —
58 millipoise, 135 jellygrams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16¼- —
l.c.l., same basis.....lb. .17 - —
l.c.l., same basis.....lb. .18 - —
hide, calcimine type, 75/222, bgs., c.l., same basis..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
88/251, bgs., c.l., same basis, lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283, bgs., c.l., same basis..lb. .20¾- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis..lb. .21 - —
l.c.l., same basis.....lb. .22 - —
118/347, bgs., c.l., same basis..lb. .22 - —
125/379, bgs., c.l., same basis, l.c.l., same basis.....lb. .23 - —
Glue prices for barrel packing, ½c. lb higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, CP, cns., l.c.l.....lb. .14½- .15
dms, c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12¼- —
dynamite, dms.....lb. Nominal
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd.lb. .13 Nom.
l.c.l., same basis....lb. .14 Nom.
tanks .....lb. .12 Nom.
for refiners, dms., returnable, tanks, dlvd..lb. .08¾- .09
soaplye, basis 80%, dms., tanks, returnable, dlvd..lb. .07¾- .08¼
Glycine, medicinal, bbls., tins..lb. 1.70 - 2.00
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .38 - —
Stearate dms.....lb. .26 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, bots...oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure, seed, bgs....lb. .14½- —
Goldenseal, root, bls.....lb. 3.00 - 3.05
powd., bxs.....lb. 3.25 - 3.30
Grains of paradise, bgs.....lb. .48 - .50
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon., bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
amorph., powd., 90%, 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03¼- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04¼- —
Grease, house, loose.....lb. .03⅛ Nom.
white .....lb. .03½ Nom.
yellow .....lb. .03⅜ Nom.
Wool (see Adeps lanae and Degras).
Green, chrome, CP, dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23¾- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28¼- —
46-50%, bbls., same basis.lb. .30 - —
Green, chrome, prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, CP, color content up to 5%, same basis..lb. .06 - —
9 10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis, lb. .07½- —
Green, chrome, reduced, c.p., color content 14-16%, bbls., same basis..lb. .07½- —
17-19%, bbls., same basis, lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14½- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Oxide, dom., pure, bbls.....lb. .25 - —
ceramic, light shades, bbls., c.l., works..lb. .25 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .21 - .23
Tetrahydroxide, bbls.....lb. .88 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .10
Guaiac resin, cs.....lb. .30 - .35
strained, cs.....lb. .80 - .85
Wood, bls.....lb. .04 - .06
Guaiacol, liq., dms.....lb. 1.55 - 1.67
Carbonate, fib., dms., 25 lbs..lb. 2.40 - 2.74
Guarana powd., cs.....lb. 1.20 - 1.35
Gum, aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Arabic, amber, sorts, cleaned, bgs..lb. .14 - .15
white, sorts, 1, bgs.....lb. .35 - .36
powd, bbls.....lb. .18 - .20
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .18 - .20
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. No prices
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran..lb. .49¼- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs or over; ⅛c. higher for 1-9 bags.
Copal, Congo, 1, water white, bgs., c.l., same basis..lb. .29½- —
2, selected pale straw bold, bgs., c.l., same basis..lb. .24½- —
4, pale bold straw, bgs., c.l., same basis..lb. .24 - —
5, pale straw bold, bgs., c.l., same basis..lb. .22¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .21¼- —
7, pale straw bold, bgs., c.l., same basis..lb. .21 - —
8, light amber bold, bgs., c.l., same basis..lb. .17 - —
9, medium light amber bold, bgs., c.l., same basis..lb. .13¾- —
10, rescraped hard amber, bold, bgs., c.l., same basis..lb. .18¾- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .12¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .11¾- —
13, dark sorts bold, bgs., c.l., same basis..lb. .09¼- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .23¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .10¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .09¼- —
17, pale, fingers, bgs., c.l., same basis..lb. .18¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .19¼- —
19, pale straw nubs, bgs., c.l., same basis..lb. .18¾- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .13¼- —
21, ordinary selected nubs, c.l., same basis..lb. .12¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .10¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .11¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .17¾- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis..lb. .09½- —
26, pale small nubs, c.l., same basis..lb. .10¾- —
27, pale small nubs, bgs., c.l., same basis..lb. .10¼- —
28, pale dust, bgs., c.l., same basis..lb. .06¾- —
Ratu, bold, scraped, bgs., c.l., same basis..lb. .07¼- —
unscraped, bgs., c.l., same basis..lb. .06¼- —
chips, bgs., c.l., same basis..lb. .05½- —
dust, bgs., c.l., same basis..lb. .05¼- —
nubs and chips, bgs., c.l., same basis..lb. .05½- —
black, bold, scraped, bgs., c.l., same basis..lb. .09¼- —
unscraped, bgs., c.l., same basis..lb. .06¼- —
nubs and chips, bgs., c.l., same basis..lb. .06½- —
Hiroe, Macassar, pale bold, bgs., c.l., same basis..lb. .13¾- —
chips, bgs., c.l., same basis, lb. .07½- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs, bgs., c.l., same basis..lb. .11¼- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l., same basis, lb. .08½- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs, bgs., c.l., same basis, lb. .11 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .13¾- —
light, bskts., c.l., same basis..lb. .15¾- —
Loba A, bskts., c.l., same basis..lb. .14½- —
B, bskts., c.l., same basis, lb. .13¾- —
C, bskts., c.l., same basis, lb. .13¼- —
CNE bskts., c.l., same basis..lb. .10¼- —
D, bskts., c.l., same basis, lb. .12¾- —
DK, bskts., c.l., same basis, lb. .09¾- —
dust, bskts., c.l., same basis..lb . .06¾- —

Gum, copal, Manila, Sambas and White split chips, bskts., c.l., same basis..lb. .15½- —
Singapore, dust, bskts., c.l., same basis..lb. .06⅞- —
spirit-soluble, CBB, bskts., basis..lb. .12½- —
DBB, bskts., c.l., same basis. lb. .12½- —
MA, bskts., c.l., same basis. lb. .09 - —
MB, bskts., c.l., same basis. lb. .08½- —
WS, bskts., c.l., same basis..lb. .12½- —
A/D, cs., c.l., same basis.lb. .13⅞- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .09⅝- —
chips, pale, bskts., c.l., same basis..lb. .13 - —
pale, small, bskts., c.l., same basis..lb. .11½- —
extra pale sorts, bskts., c.l., same basis..lb. .12½- —
nubs, bskts., c.l., same basis ..lb. .14½- —
pale, scraped, bskts., c.l., same basis..lb. .15⅝- —
seeds and dust, bskts., c.l., same basis..lb. .08⅝- —
Pontianak, bold, genuine, bgs., same basis..lb. .15⅝- —
mixed, bgs., c.l., same basis. lb. .14⅜- —
split, bgs., c.l., same basis. lb. .13⅜- —
Chips, bgs., c.l., same basis.lb. .10 - —
nubs, bgs., c.l., same basis. lb. .12¾- —
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .21⅝- —
A/C, cs., c.l., same basis.lb. .15¼- —
A/E, cs., c.l., same basis.lb. .12⅞- —
B, cs., c.l., same basis...lb. .20¼- —
C, cs., c.l., same basis...lb. .14⅝- —
D, cs., c.l., same basis...lb. .13¼- —
dust, cs., c.l., same basis.lb. .07⅝- —
E, cs., c.l., same basis...lb. .10 - —
F, cs., c.l., same basis...lb. .08 - —
Singapore, 1, cs., c.l., same basis..lb. .16⅝- —
2, cs. c.l., same basis....lb. .12¼- —
3, cs., c.l., same basis.....lb. .07⅛- —
chips, cs., c.l., same basis.lb. .11 - —
dust, cs., c.l., same basis.lb. .07⅛- —
seeds, cs., c.l., same basis.lb. .09⅞- —
Elemi, cns., c.l., same basis as copal..lb. .10½- —
Ester, dms., divd., New England, N. J., eastern N. Y. and Pa., Del. and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs.....lb. .06¼- .06½
less than 10,000 lbs., same basis...lb. .06½- .07
divd., Western N.Y. and Pa., Ohio, Mich., In.,., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N.C., 75,000 lbs., contrs. or straight c.l. lb. .06⅝- .07
divd. elsewhere, 75,000 lbs., contrs. or straight, c.l..lb. .07 - .07⅛
l.c.l., same basis.....lb. .07¼- .07⅝
Euphorbium, cs.....lb. .50 - .55
Galbanum, cs.....lb. 1.50 - 1.60
Gamboge, pipe, cs.....lb. .75 - .80
powd., bbls.....lb. .80 - .85
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l.lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80%, chips, c.s., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis.lb. .61 - —
1, cs., c.l., same basis...lb. .41 - —
2, cs., c.l., same basis...lb. .24 - —
3, cs., c.l., same basis...lb. .17⅝- —
Kino, tins.....lb. 4.00 - 4.50
Locust bean, powd., bbls.....lb. Nominal
Mastic, cs., c.l., same basis as copal..lb. 1.15 Nom.
Myrrh, USP, cs.....lb. .55 - .60
Olibanum, siftings, cs.....lb. .09 - .10
tears, cs.....lb. .20 - .35
Opium (see O).
Rosin (see R).
Sandarac, cks., c.l., same basis as copal..lb. .40 - .45
Scammony, cs.....lb. 1.10 - 1.15
Talha, bgs.....lb. .14 Nom.
Thus, bbls.....280 lbs.15.00 -15.25
Tragacanth, Alleppo, 1, cs...lb. .3.50 - 3.75
2 cs.....lb. 3.35 - 3.60
3 cs.....lb. 2.90 - 3.10
Yacca, bgs.....lb. .03½- .04
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
bgs., c.l., f.o.b. New Brighton, N. Y., frt. equald..ton.27.65 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
plaster of Paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
f.o.b. Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
stucco, paper bags, c.l., f.o.b. Acme Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald .....ton.12.00 - —
import, bgs., ex dock.....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .26 - .28
Heliotropin, cryst., cns.....lb. 3.00 - 3.20
Hellebore root, white, powd., bbls., lb. .18 - .19
Helonias root, bls.....lb. .55 - .60
Hematine crystals, bbls.....lb. .20 - .30
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03⅝- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .07 - .07⅛
Henbane leaves, bls.....lb. .70 - .85
Henna leaves, bls.....lb. .14 - .15
powd., bbls., bxs.....lb. .20 - .21
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexaldehyde, normal, dms., l.c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more, shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexane, laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexanol, dms., l.c.l., works...lb. .25 - —
Homatropine hydrobromide, bots., 25 ozs..oz.13.00 -13.25
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit. 2.25 - 2.40
Hops, N. F., bls.....lb. .20 - .21
Horehound, bls.....lb. .12 - .13
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.20.00 - —
Hydrochloride, bots., 4 ozs..oz.20.00 - —
Sulphate, bots., 4 ozs.....oz.21.75 - —
Hydrastinine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. 100 vols., cbys., E. of Miss. River..lb. .03¾- .04
.20 - —
Hydroquinone, dealers, bbls., dms., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.50.00 -60.00
Hydrochloride, bots.....oz.50.00 -60.00
Hyoscyamine, 5 gr., bots.....bot. .60 - —
Hydrobromide, 5 gr., bots..bot. .60 - —
Sulphate, 5 gr., bots.....bot. .60 - —
Hypernic, ext. liquid, 50°, bbls., lb. .14 - —

I

Iceland moss, bls.....lb. .25 - .27
Ichthyol, bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.67 - —
kgs., 150 lbs., less 5%, ex whse., Staten Island..lb. 1.35 - 1.44
resubl., bots., 5 lbs.....lb. 2.25 - —
jars, 50 lbs.....lb. 2.15 - —
tincture, USP, bbls., 47 gals.gal. 2.00 - —
cbys., 5 gals.....gal. 2.05 - 2.10
mild, bbls., 47 gals.....gal. 1.25 - —
cbys., 5 gals.....gal. 1.30 - 1.35
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.45 - 1.50
powd., bxs.....lb. 1.55 - 1.60
Irish moss, ordinary, bls.....lb. .15 - .16
powd., 80-90 mesh, bbls..lb. .30 - .32
prime, bleached, bls.....lb. .30 - .32
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., divd.....lb. .03 - —
l.c.l., divd.....lyb. .04 - —
Chloride (ferric), tech., anhydr., 390-lbs. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
liquor, cbys., works, frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
solut., cbys., works, frt. alld. or equald..lb. .06½- .07
djns. .....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hypophosphite, cns.....lb. 1.55 - 1.60

No. 2040 C. P. CHROME ORANGE
EXTRA DARK

No. 2040 possesses the best grinding and working properties of any color pigment of this type now on the market.

This outstanding chemical color is a rich, extra deep shade of basic lead chromate. It is a very clean and exceptionally strong color and is often referred to as the best chemical color available for making international orange according to Federal Specifications TT-P-S9 and Navy Specifications RM-135-1. This particular color is used extensively by the Army, Navy, and Marine Corps for display marking.

No. 2040 is another example of the outstanding quality of the R.C.I. complete line of chemical colors. Your inquiries are invited.

REICHHOLD CHEMICALS, INC.
Chemical Color Division
General Offices: DETROIT, MICH.
Factory: BROOKLYN, N. Y.

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REICHHOLD Chemical Colors

Iron Iodide—Metal Leaf

Iron, iodide, bots.....lb. 3.18 - 3.32
syrup, djns.....lb. .39 - —
bots.....lb. .53 - —
Nitrate, coml., kgs.....lb. .02¾- .06
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs...lb. .54 - —
25 lbs.....lb. .57 - —
scale, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, 200-lb. bbls.....lb. .35 - —
25-lb. bxs.....lb. .40 - —
100-lb. kgs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .65 - .75
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs....lb. .30 - —
fib. dms.....lb. .23½- —
kgs.....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib. dms.....lb. .23½- —
kgs.....lb. .25½- —
Isobutylacetate, 55 - gal. dms., works..lb. .069 - —
tanks, works.....lb. .059 - —
propionate, dms., works.....lb. .09 - —
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .10½- —
55 gals., c.l., E. of Rockies, frt. alld..lb. .07 - —
55 gals., l.c.l., E. of Rockies, frt. alld..lb. .07½- —
tanks, E. of Rockies, frt. alld..lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gal., c.l., W. of Miss., frt. alld..gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .11 - .12
Jalap root, NF, bls.....lb. .30 - .35
powd., bbls., bxs.....lb. .32 - .37
resin, lump, 100-lb. lots, cns.lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, ordinary, bgs., lb. .26 - .28
hand picked, bgs.....lb. .32 - .34

K

Kamala, tins.....lb. .33 - .35
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .0590- .06½
Gulf ports, p.w., bulk....gal. .07½- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03⅞- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04
42-44 w.w., tanks.....gal. .03⅞- .04⅛
Pennsylvania, 45 w.w., tanks, gal. .05 - .05¼
46 w.w., tanks.....gal. .05½- .05¾
47 w.w., tanks.....gal. .05¾- .05⅞
Kerosene, tankwagon:—
Atlanta.....gal. .10 - —
Boston.....gal. .0830- —
Chicago.....gal. .10 - —
Cincinnati.....gal. .12 - —
Denver.....gal. .10½- —
Louisville.....gal. .09 - —
Minneapolis.....gal. .1040- —
New Orleans.....gal. .11 - —
New York.....gal. .0820- —
San Francisco.....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, cal., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .12 - .13

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 5.25 - 5.50
Middlewestern, tres....100 lbs. 5.30 - 5.40
Neutral, tres.....100 lbs. 6.50 - 6.75
Western, choice, tres..100 lbs. 5.40 - 5.50
Compound, tres.....100 lbs. 8.50 - 8.75
Larkspur seed, bgs.....lb. 1.80 Nom.
Laurel berries, bls.....lb. .25 - .26
Leaves, Greek, bls.....lb. .09 Nom.
Turkish, bls.....lb. .08½- .09
Lavender flowers, ordinary, bls.lb. .45 - .50
medium, bls.....lb. .55 - .60
select, bls.....lb. .65 - .70
Lead acetate, white, broken, bbls., lb. .11 - —
cryst., bbls.....lb. .11 - —
gran., bbls.....lb. .11¾- —
powd., bbls.....lb. .11¾- —
Arsenate, bgs., c.l.....lb. .08½- —
l.c.l., bgs.....lb. .09 - —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E...lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06¼- —
l.c.l., dlvd. E.....lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Lead, carbonate (see Lead, white.
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .40 - —
Iodide, NF V, powd., 5-lb. bots., lb. 2.60 - —
jars.....lb. 2.55 - —
Linoleate, pale, precip., dms..lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .10 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .11 - .14
Oleate, bbls.....lb. .18½- .20
Peroxide, cns.. works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.....lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¾- —
other points.....lb. .07¾- —
smaller lots, Ala., etc.lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¾- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc..lb. .07¾- —
other points.....lb. .07½- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala.. etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc..lb. .08 - —
other points.....lb. .07¾- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
l.c.l., smaller lots, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
in oil, 95% min., 100-lb. kgs., lb. .12½- —
Resinate, fused 15%, bbls....lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white basic sulphate).
Titanate, bbls., c.l., (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10¼- —
Pac. Cst., ex whse...lb. .10¼- —
smaller lots, E. frt. alld., lb. .10¼- —
Pac. Cst., ex whse...lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd., Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc.lb. .07¼- —
other points.....lb. .07¼- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¾- —
l.c.l., dlvd. Ariz., etc...lb. .06¾- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers, lb. .12¾- —
dealers.....lb. .10¾- —
painters.....lb. .11¾- —
Consumers' price and painters' price are ½c. lower on orders of 500 lbs. or more.
Lecithin, 100%, cns., f.o.b., N.Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l., same l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dom., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grade 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis...lb. .40 - —
Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms., prices are 1c. per lb. less.
Lemon peel, bls.....lb. .13 - .15
Licorice extract, mass, cs.....lb. No prices
powd., bbls.....lb. No prices
root, cuttings, bls.....lb. .09 - .10
powd., bbls., bxs.....lb. .11 - .12
select, bdls., cs.....lb. .30 - .32
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn..ton. 6.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich.....ton. 8.00 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, In.....ton. 8.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
Lime, hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.00 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
Solution, Zone 1, dms., consumers..gal. .16 - —
Zone 2, tanks, dealers, wks. gal. .08½- —
30-50 dms.....gal. .11 - .16
Zone 3, tanks, dealers, dlvd. gal. .07½- —
30-50 dms.....gal. .10½- .14½
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., wks., except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms.....gal. .12 - —
Zone 6, tanks, dealers....gal. .07½- —
30-50 dms.....gal. .10 - .14
Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1: includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States, Zone 3. Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minn., Mo., and Tenn. west of Tenn. River; Penn., eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.
Linalool, cns.....lb. 2.10 - 3.30
Linalyl acetate, cns.....lb. 1.75 - 3.00
Linden flowers, with leaves, bls.lb. .45 - .46
Linden flowers, with leaves, bls.lb. .42 - .45
Linseed cake, bgs, export....ton.21.00 -22.00
meal, 34%, bgs.....ton.25.00 -25.50
Litharge, com'l, powd., bbls., 20-tons, dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .06½- —
Other points.....lb. .06¼- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .07 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore., and Wash....lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07¼- —
Other points.....lb. .06¾- —
smaller lots, dlvd., Ala..lb. .07½- —
Ariz., etc.....lb. .08 - —
Colo. etc.....lb. .07¾- —
Other points.....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb. bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Lithopone, titanated (high-strength), bgs., c.l., (20 tons)..lb. .05 - —
smaller lots.....lb. .05¼- —
bbls., c.l. (20 tons).....lb. .05¼- —
smaller lots.....lb. .05½- —
ordinary, bgs., c.l. (20 tons)..lb. .0360- —
smaller lots.....lb. .0385- —
bbls., c.l. (20 tons).....lb. .0385- —
smaller lots.....lb. .04¼- —
Lithopone in car lots is delivered East or the Pacific Coast and in less than car-lot quantities delivered East or ex warehouse Pacific Coast.
Liverwort leaves, bls.....lb. .55 - .60
Lobelia, herb, bls.....lb. .12 - .13
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .20 - .24
liquid, 51°, bbls.....lb. .10½- .12½
solid, bxs.....lb. .16½- .20½
Lovage root, dms., bls.....lb. .45 - .50
imported, bls.....lb. .45 Nom.
Lupulin, N. E., tins.....lb. 1.65 - 1.70
Lycopodium, cs.....lb. 4.75 - 5.00

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Mace, Banda, cs.....lb. .55½- .56
Batavia, cs.....lb. .30½- .31
Siauw, cs.....lb. .37½- .40
West Indian, cs.....lb. .34 - .41
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., U.S.P., bbls., wks..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08¼- —
kgs.....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09½- —
U.S.P., Zone 1, c.l., bgs...lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09½- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .08¾- —
bbls.....lb. .09½- —
kgs.....lb. .10½- —
Magnesia:—Zone 1—Mass., Conn., R. I. N.Y., N.J., Pa., D. of C., Del. and Md., c.l., shipments, full fr't alld., up to, but not exceeding, 25c. per 100 lbs., actually paid by customers. On l.c.l. shipments, fr't alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U. S.; prices f.o.b. Plymouth Meeting Ambler, Phillipsburg, Valley Forge, and New York.
Chloride, anhyd., dom., bbls., dlvd..lb. .18 - —
flake, dom., bbls., wks., c.l., tons.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .11 - .11¼
Stearate, bbls., ctns., c.l.....lb. .23 - —
1 ton.....lb. .24 - —
1,000-2,000 lbs.....lb. .25 - —
smaller lots.....lb. .26 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts, dms..lb. .50 - —
smaller lots, dms.....lb. .55 - —
Magnesite, cal., dom., bgs...ton.60.00 -65.00
Imports, bgs., duty paid....ton.70.00 Nom.
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash..ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lb.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots.....lb. .55 - —
5-lb. cns.....lb. .73 - —
Malva flowers, black, bls.....lb. .70 - .95
blue, bls.....lb. .70 - .95
Leaves, bls.....lb. .27 - .40
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .12 - .13
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .08½ Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works, ton.69.00 - —
5-15 tons, works.....ton.72.00 - —
⅛ 4 tons, works....ton.77.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.66.50 - —
l.c.l., 5 tons, works....ton.69.50 - —
smaller lots, works..ton.74.50 - —
burlap bgs, c.l., works.ton.64.25 - —
l.c.l., 5 tons, works..ton.67.25 - —
smaller lots, works.ton.72.25 - —
paper bgs., c.l., works.ton.62.50 - —
l.c.l., 5 tons, works..ton.65.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots.....lb. 2.80 - —
smaller lots.....lb. 3.00 - —
cns., 25 lbs.....lb. 3.12 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.55 - —
jars, 25 lbs.....lb. 5.70 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19¼
solid, precip., 8.2%, bbls...lb. .19 - —
Ore, Cuban, 51-52%, basis Atl. ports, duty paid..unit-ton. .71 - .73
Resinate, fused, 3½%, bbls...lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd.....ton lots, lots, works..lb. .09 - .09½
single bbls., works.....lb. .09¼- .09¾
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd., South..ton.57.00 - —
l.c.l., bgs.....ton.65.00 -75.00
Mangrove bark, bgs., shipt...ton.36.00 - —
Manna flake, large, cs.....lb. .95 - 1.55
small, cs.....lb. .80 - 1.25
Mannitol, com'l grade, bbls., ton lots, works..lb. .38 - —
smaller lots, works.....lb. .45 - —
reagent grade, 50 lb. cs., or multiples, works..lb. .90 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, No. 1.....lb. .32 - .34
Tunisan, bls.....lb. .26 Nom
Chilean.....lb. .17½- .18
Matico leaves, bls.....lb. .22 - .25
Menthol, USP, natural, cs.....lb. 3.50 - 3.60
synthetic, tech., cs.....lb. 2.50 - —
USP, cs.....lb. 3.25 - —
liquid, dms, 50 lbs.....lb. 1.50 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. 1.40 - —
25 lbs.....lb. 1.46 - —
50%, pails, 50 lbs.....lb. 2.09 - —
25 lbs.....lb. 2.11 - —
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, 5-lb. bots.....lb. 3.02 - —
100-lb. fib. dms.....lb. 2.89 - —
25-lb. jars.....lb. 2.91 - —
Chloride (see Calomel).
Cyanide, cryst.....lb. 4.00 - 4.05
powd.....lb. 4.05 - 4.10
Iodide, red, NF, 5-lb. bots...lb. 4.71 - —
100-lb. fib. dms.....lb. 4.60 - —
yellow, 5-lb. bots.....lb. 4.81 - —
fib. dms., 100 lbs.....lb. 4.70 - 4.75
Nitrate ointment (see Citrine ointment).
Oxide, red, NF (see Red precipitate), tech. (see Red, mercury oxide), yellow, dom., tech., bbls...lb. 2.96 - —
USP, fib. dms., 50 lbs. or more..lb. 3.84 - —
Mercury and chalk, 5-lb. ctns..lb. 1.98 - —
25-lb. fib. dms.....lb. 1.80 - —
Mesityl oxide, cns., works.....lb. .20½- —
dms., c.l., dlvd.....lb. .16 - —
l.c.l., dlvd.....lb. .16½- —
tanks, dlvd.....lb. .15 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80

Metal leaf, gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5⅞ in.....pkg.22.50 -23.00
3⅜x5⅞ in.....pkg.24.50 -25.00
silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls.....lb. 1.05 - 1.10
Metaphenylenediamine, kgs.....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, producer group A, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .30 - —
95%, tanks.....gal. .29 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums; car lots.

natural, producer group B, pure, tanks, frt. alld. Zone 1, gal. .30 - —
Zone 2.....gal. .32 - —
Zone 3.....gal. .34 - —
Zone 4.....gal. .34½- —
dms., c.l., Zone 1.....gal. .35½- —
Zone 2.....gal. .37½- —
Zone 3.....gal. .39½- —
Zone 4.....gal. .41½- —
l.c.l., Zone 1.....gal. .38 - —
Zone 2.....gal. .45 - —
Zone 3.....gal. .42 - —
Zone 4.....gal. .53½- —

95%, frt. alld., prices 2c. less than pure, all zones.

97%, frt. alld., prices 1c. less than pure, all zones.

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Tenn., R. I., Vt., Va., W. Va., Wisc.; zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.

Synthetic, pure, dms., c.l., Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37½- —
3, frt. alld.....gal. .39½- —
4, frt. alld.....gal. .41½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .38 - —
2, frt. alld. or dlvd..gal. .45½- —
3, dlvd., S. F. and L. A., gal. .42 - —
4, frt. alld. or dlvd..gal. .53½- —
tanks, Zone 1, frt. alld...gal. .30 - —
2, frt. alld.....gal. .32 - —
3, frt. alld.....gal. .34 - —
4, frt. alld.....gal. .34½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah., Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R., lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd., E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
tanks, dlvd., E. of Miss. R., lb. .06 - —
W. of Miss. R.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, group A producers, E. of Rockies, frt. alld., tanks..gal. .32 - —
dms., c.l., same basis, gal. .37½- —
l.c.l., same basis...gal. .40½- —

Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Acetone, natural, group B producers, tanks, Zone 1..gal. .32 - —
Zone 2.....gal. .34 - —
Zone 3.....gal. .36 - —
Zone 4.....gal. .36½- —
dms., c.l., Zone 1.....gal. .37½- —
Zone 2.....gal. .39½- —
Zone 3.....gal. .41½- —
Zone 4.....gal. .43½- —
l.c.l., Zone 1.....gal. .40 - —
Zone 2.....gal. .47½- —
Zone 3.....gal. .44 - —
Zone 4.....gal. .55½- —

Natural methyl acetone sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wisc. Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore. Zone 4, Ariz., Cal., Mont., Nev., N. Mex., Ore., Utah, Idaho, Wash.

Acetone, synthetic, tanks, zone 1..gal. .34 - —
Zone 2.....gal. .42 - —
Zone 3.....gal. .45½- —
dms., c.l., zone 1.....gal. .36 - —
Zone 2.....gal. .44 - —
Zone 3.....gal. .48 - —
l.c.l., zone 1.....gal. .37 - —
Zone 2.....gal. .45½- —
Zone 3.....gal. .48½- —

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.20 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Bromide, cyl.....lb. .65 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Methyl, cinnamate, bls.....lb. 4.25 - 5.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd....lb. .80 - —
Iodide, bots.....lb. 3.68 - 3.82
Salicylate, dms.....lb. .35 - .37
cns.....lb. .37 - .40
Violet toner, bbls.....lb. .88 - —
permanent, bbls.....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylcellulose, dms., 100 lbs. or more, frt. alld..lb. .70 - —
less than 100 lbs., works..lb. .75 - —
Methylcyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .25 - —
Methylcyclohexanol, 98-100%, dms., works, frt. alld. E. of Rockies..lb. .30 - —
Methylcyclohexanone, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb. 28.00 -44.00
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .70 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp., bots.....lb. 3.10 - —
Methylpropyl ketone, dms., c.l.lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee...ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh., containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
Mica, dry grd., amber, No. 1 quality, bgs. extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works.ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
refined, bgs., extra and returnable, c.l., works..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1 quality, bgs. extra and returnable, c.l., works, ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works..lb. .03 - —
roofing, bgs. extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
rubber, bgs., c.l., frt. alld. E, lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .04⅞- —
rubber, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .04⅝- —

wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
spray, bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .08½- —
unskimmed, roller, bbls., c.l., lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .16 - —
Millet seed, yellow, bgs.....lb. .0250- .0280
early fortune, bgs.....lb. .02½- .06
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinners and V M & P naphtha).
Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .07 - —
f.o.b. Gulf ports.....gal. .06½- —
Molybdate orange (see Orange, molybdate).
Molydenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Molybdenum, trioxide, pure, kgs., basis Me. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works.....lb. .53 - .55
tanks .....lb. .50 - —
Monobutylamine, dms., c.l., wks., lb. .50 - —
l.c.l., works.....lb. .51 - .53
tanks, works.....lb. .48 - —
Monochlorobenzene, dms., l.c.l., lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100% amine content, dms., l.c.l., works, lb. .65 - —
Monoethylanilin, dms.....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
bots., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —

Mullein leaves, cns.....lb. .12 - .14
flowers, cns.....lb. 1.30 - 1.35
Musk, nat., Tonquin, grained, bots..oz.19.00 -20.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.05 - —
5 lbs. to 75 lbs.....lb. 3.85 - —
1 lb.....lb. 3.95 - —
ketone, cns., 100 lbs. or more, lb. 3.70 - —
5 lbs. to 75 lbs.....lb. 3.95 - —
1 lb.....lb. 4.10 - —
xylol, cns., 100 lbs. or more, lb. 1.05 - —
5 lbs. to 75 lbs.....lb. 1.15 - —
1 lb.....lb. 1.20 - —
Musk root, bls.....lb. .50 - .60
Mustard seed, California, brown, lb. .14½- .15
yellow .....lb. .16 - .17
Chinese yellow, bgs.....lb. .08½- .09
Danish, yellow.....lb. .23 - .25
Dutch, yellow.....lb. None.
English, yellow, bgs.....lb. No stocks
Roumanian, yellow.....lb. .13 - .13½
Myrobalans, J1, bgs., f.a.s...ton.40.00 - —
J2, bgs., f.a.s.....ton.34.00 - —
Extract, liquid, 25%, bbls...lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, 70%, bbls.....lb. .06 Nom.

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works..100 lbs. 2.25 Nom.
bbls., c.l., works..100 lbs. 2.50 Nom.
78 deg., bgs., c.l., works, 100 lbs. 2.50 Nom.
l.c.l., works.....100 lbs. 2.75 Nom.
import, bgs., c.i.f.....100 lbs. No price
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07 - —
50-lb. cs., same basis...lb. .07¼- —
pkgs. (16 oz.), same basis, lb. .07¾- —
(12 oz.), same basis..pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07 - —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Cyanide, 100-lb. dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works,frt. alld..lb. .70 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40 sec. vis., bbls., works, lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester soluble, 50-85 cps., ¼, ½ sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., cps., ¼, ½ sec., bbls., dry weight, works..lb. .26 - —
ester-soluble, 5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works..lb. .20 - —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works..lb. .25 - —
lacquer, 20-40 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitroethane, l.c.l., dms., works, lb. .25 - —
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton.1.2158- —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd..unit-ton. 1.75 - —
f.o.b. Chemical, Ill., unit-ton. 1.75 - —
East Coast producing points..unit-ton. 2.20 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. No prices
Nitromethane, l.c.l., dms., works, lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane I, l.c.l., dms., works, lb. .25 - —
II, same basis.....lb. .25 - —
Nutgalls, Alleppo, bgs., cs....lb. .26 - .29
Chinese .....lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .18 - .19
110s, bgs., cs.....lb. .16 - .16½
West Indian, bgs.....lb. .08¼- .08¾
Nux vomica, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .08 - .09

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .06¼- —
l.c.l., bbls., works.....lb. .06¾- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octane, 100-140° C., mixed, dms., c.l., G.3..gal. .12¼- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l. works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde), natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns....lb. .70 - .75
Amber, crude, cns.....lb. .22 - .23
ref'd, cns.....lb. .75 - .80
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.80.00 -85.00
seed, bots.....lb.48.00 -53.00
Anilin (see A).
Anise, USP, ons., dms.....lb. .72 - .75
Apricot, kernels, cns.....lb. .38 - .59
Babassu, tanks.....lb. .06 Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.10 - 1.15
55-60% phenols, cns.....lb. 1.20 - 1.25
Bergamot, artif., cns.....lb. 2.50 - 3.50
natural, coppers.....lb. 8.50 Nom.
Birch (see Oil, sweet birch).
Birchtar, crude, dms.....lb. .25 - .28
rectified, cns.....lb. .75 - .80
Bois de rose, Brazil, cns.....lb. 1.60 - 1.65
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .60 - .67
USP, IX, cns.....lb. .62 - .72
Calamus, cns.....lb. 8.25 - 8.50

Metal Leaf—Oil, Lavender

Oil, camphor, sassafrassy, cns., lb. .31 - .33
dms.....lb. .28 - .29
white, cns.....lb. .35 - .37
dms.....lb. .32 - .33
Cananga, native, cns.....lb. 1.60 - 1.65
rectified, cns.....lb. 2.00 - 2.05
Capsicum (oleoresin) N. F. VI, cns..lb. 2.50 - 2.75
Caraway, USP, cns.....lb. 5.00 Nom.
Cardamon, bots.....lb.15.00 -16.00
Cassia, USP, cs., dms.....lb. 1.35 - 1.40
Castor, blown, one-way dms., c.l..lb. .12¾- —
l.c.l. .....lb. .13½- —
cold pressed, USP, bbls., c.l., lb. .11¼- —
l.c.l. .....lb. .12 - —
cns. (1-gal), l.c.l.....lb. .15 - —
dms. (returnable), c.l...lb. .11 - —
l.c.l. .....lb. .11¾- —
(5-gal.), l.c.l.....lb. .13 - —
tanks .....lb. .10½- —
dehydrated, dms., c.l.....lb. .1360- —
l.c.l. .....lb. .14 - —
tanks .....lb. .13 - —
extracted No. 3, tech., bbls., c.l..lb. .10¾- —
l.c.l. .....lb. .11½- —
dms. (returnable), c.l.....lb. .10½- —
l.c.l. .....lb. .11¼- —
tanks .....lb. .10 - —
sulphonated, 50% (43% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
75% (63% fat) dms., c.l...lb. .10¼- —
l.c.l. .....lb. .11½- —
80% (68% fat), dms., c.l...lb. .10¾- —
l.c.l. .....lb. .11¾- —

Castor oil, USP, and No. 3, prices are dlvd. all points between N.Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ⅝c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way drums, ¼c. higher, all points.

Cedarleaf, cs.....lb. .80 - .85
dms.....lb. .75 - .80
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .19 - .22
Celery, bots.....lb. 9.50 -10.00
Chaulmoogra, USP, cns.....lb. .72½- —
Chinawood, dms.....lb. .25¾- —
tanks .....lb. .24¾- —
Cinnamon, Ceylon, bots.....lb. 9.25 -27.00
Seychelle, bots.....lb. 7.25 - 8.00
Citronella, Ceylon, cns.....lb. .33½- .34
dms.....lb. .31½- .32
Java, cns., dms.....lb. .29 - .30
Clove, makers, USP, cns....lb. 1.20 - 1.25
dms.....lb. 1.15 - 1.20
Coconut, Manila, crude, tanks, lb. .02¾- —
edible, 76°, dms. (returnable), c.l..lb. .07½- —
l.c.l. .....lb. .08 - —
tanks .....lb. .06¾- —
Cod, Norwegian, shipt., bbls., gal. No prices
Codliver, med., USP, bbls..bbl.65.00 -70.00
Coriander, bots.....lb.13.00 -15.00
Corn, crude, tanks, wks.....lb. .05¼- —
refd., bbls.....lb. .07¾- .08
Cottonseed, cooking, bbls....lb. .07¾- —
salad, bbls.....lb. .08 - —
import, Brazilian, semi-refd., bulk..lb. No prices
Creosote (see C).
Croton, N.F., cns.....lb. 2.50 - 2.75
Cubeb, USP, cns.....lb. 3.25 - 3.50
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.50 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.50
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk....bbl. 1.80 - 1.90
California, 24 plus, bulk...bbl. 1.55 -
Dill seed, bots.....lb. 4.50 - 5.00
weed, bots.....lb. 4.25 - 4.50
Dip (see L).
Erigeron, cns.....lb. 2.25 - 2.30
Eucalyptus, cns.....lb. .70 - .72
dms.....lb. .68 - .70
Fennel, sweet, cns.....lb. 3.00 - 3.25
Fuel, bunker, California, tide-water..bbl. .65 - .75
Gulf Coast, at terminal..bbl. .80 - —
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. 1.25 - —
Tuesday .....bbl. 1.25 - —
Wednesday .....bbl. 1.25 - —
Thursday .....bbl. 1.25 - —
Friday .....bbl. 1.25 - —
Saturday .....bbl. 1.25 - —
North Texas, 18-22.....bbl. .72½- .85
24-28, zero cold test....bbl. 1.00 - 1.10
Oklahoma, 18-22.....bbl. .72½- .85
24-28, zero cold test....bbl. 1.00 - 1.05
24-28, 15 and above....bbl. .80 - .85
Pennsylvania, 36-40.....gal. .04 - —
Furnace, Bayonne, 1, bulk, refinery..gal. .0590- .06
2, bulk, same basis.....gal. .0440- .0460
4, bulk, same basis.....gal. .0540- .056
Louisiana - Arkansas, 23-36, light straw..gal. .03¼- .03¾
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03¼- .03¾
36-38 .....gal. .03¾- .04
38-40 zero, 60 e.p.....gal. .03¾- —
Fusel (see F).
Gas, Bayonne, bulk.....gal. .0540-.0560
Gulf Coast, bulk.....gal. .03¼-
North Texas, bulk.....gal. .02¾- .03
Oklahoma, bulk.....gal. .02¾- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns., lb. 3.75 - 4.00
Bourbon, cns.....lb. 3.50 - 3.75
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.55 - 1.60
Grapeseed, dms.....lb. .40 - .45
Ginger, dist., bots.....lb. 4.10 - 4.25
Guaiac wood, concrete, bots..lb. 2.80 - 2.85
Haarlem, imported, bots..gross. No prices
Hemlock, cns.....lb. .65 - .70
Juniper berry, USP, cns.....lb. 4.00 - 4.50
wood, tech., cns.....lb. .50 - —
Juniper tar, USP XI, cns....lb. .40 - .45
Lard, common, 1, bbls.....lb. .06¾- —
2, bbls.....lb. .06¾- —
extra, bbls.....lb. .07¼- —
1, bbls.....lb. .07½- —
winter, strained, bbls....lb. .07½- —
prime, burning, bbls.....lb. .08½- —
prime, ined., bbls.....lb. .07¾- —
prime, ined., bbls.....lb. .08¼- —
Laurel, bots.....lb. 4.50 - 4.90
Lavandin, cns., 25 lbs.....lb. 3.25 - 3.50
Lavender flower, French, 50% ester, cns..lb. 6.00 - 6.25
38-42% ester, cns.....lb. 4.25 - 4.50
35-38% ester, cns.....lb. 3.75 - 4.00
30-32% ester, cns.....lb. 3.50 - 3.75
garden, cns.....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.20 - 1.25
dms.....lb. 1.15 - 1.20

Oil, Lemon—Olivine

Oil, lemon, Calif., cns.....lb. 3.25 - —
Messina, coppera, cns.....lb. 4.75 Nom.
Terpeneless, Type 1.....lb.10.50 -16.50
Type 2.....lb. 8.35 -14.50
Lemongrass, native, cns., dms. lb. .70 - .75
Lime, dist., cns.....lb. 5.00 - 5.50
expressed, cns.....lb. 7.50 - 7.75
Terpeneless, Type 1.....lb.70.00 -78.00
Type 2.....lb.42.00 -46.50
Linaloe wood, cns.....lb. 1.30 - 1.35
Linseed, raw, dms., c.l.....lb. .0870- .0890
l.c.l., 10 to 69.....lb. .0910- .0930
5 to 9.....lb. .0930- .0950
less than 5.....lb. .0950- .0970
tanks.....lb. .0810- .0830
Boiled linseed oil .004 cents over raw.
Lovage, bots.....lb.41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal):—California, green, 70, 80, 100, vis., dms.....gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms...gal. .26 - —
200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .17½- —
15-25 pour, tanks..gal. .19 - —
150-160 D, color 4½, 0-10 pour, tanks..gal. .19 - —
15-25 pour, tanks..gal. .16 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .16 - —
190-200 D, color 4¾, 15-25 pour, tanks..gal. .13 - —
Oil, lubricating, at refinery, Oklahoma, neutrals, 0-10 pour, 150 vis., 3 colors, tank..gal. .07 - —
180 vis., 5 color, tanks, gal. .10 - —
4 color, tanks.....gal. .10 - —
200 vis., 3 color, tanks, gal. .11 - —
4 color, tanks.....gal. .10½- —
250 vis., 3 color, tanks, gal. .14 - —
4 color, tanks.....gal. .14 - —
neutrals, 280 vis., 3 color, tanks..gal. .14½- —
4 color, tanks.....gal. .13½- —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Pennsylvania, bright stocks, 8 color, 140-150 vis., 545-550 flash, 10 pour, tanks..gal. .14½- .15
15 pour, tanks.....gal. .13½- .14
25 pour, tanks.....gal. .12 - .14
cylinder oil, 600 flash, tanks..gal. .11 - .12
630 flash, tanks....gal. .12 - .13
600 steam refined, tanks, gal. .08 - .09
650 steam refined, tanks, gal. .10 - .11
Neutrals, 150 vis., 70°F., 3 color, 400-405 flash, zero pour, tanks..gal. .22½- —
10 pour, tanks.....gal. .21½- —
15 pour, tanks.....gal. .20½- —
25 pour, tanks.....gal. .19 - .20
200 vis., 70°F., 3 color, 420-422 flash, zero pour, tanks..gal. .24½- —
10 pour, tanks.....gal. .23½- —
15 pour, tanks.....gal. .22½- —
25 pour, tanks.....gal. .21 - .22
Mace, dist., cns., dms.....lb. 2.60 - 2.70
Oil, Mandarin, superior coppers, lb.10.00 -11.00
Menhaden, crude, tanks, f.o.b. Balto..gal. — Nom.
refd., alkali, dms.....lb. .0670- —
tanks.....lb. .0610- —
blown, dms.....lb. .0690- —
kettle-bodied, dms.....lb. .0790- —
light-pressed, dms.....lb. .0610- —
tanks.....lb. .0550- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, bots., cns., lb. 1.60 - 1.70
dist., natural, bots.....lb. 8.50 - 9.00
Neatsfoot, 20° cold test, bbls., lb. .16¼- —
extra, bbls.....lb. .07⅝- —
1, bbls.....lb. .07⅛- —
prime, bbls.....lb. .07½- —
pure, bbls.....lb. .10¾- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb. 200.00-325.00
Nutmeg [illegible]ns., dms....lb. 2.60 - 2.70
Oleo, 1, bbls.....lb. .07⅝- —
2, bbls.....lb. .07⅛- —
Oiticica, dms.....lb. .17½- .18¼
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., dms.....gal. 1.45 Nom.
edible, dms.....gal. 2.35 Nom.
foots, dms.....lb. .08⅝- —
sulphonated, 50%, (42% fat), dms., c.l..lb. .09½- —
l.c.l.....lb. .10½- —
75% (63% fat), dms., c.l..lb. .12½- —
l.c.l.....lb. .13½- —
80% (68% fat), dms., c.l., lb. .127 - —
l.c.l.....lb. .137 - —
Oil, orange, sweet, dist., cs....lb. .90 - —
expressed, African, cns., dms., lb. 1.10 - 1.15
Calif., cns.....lb. 2.00 - —
Florida, cns.....lb. 1.25 - 1.30
Messina, USP, coppers...lb. 5.00 Nom.
West Indies, cns.....lb. 2.00 - 2.10
terpeneless.....lb.42.00 -50.00
Origanum, cns.....lb. 1.80 - —
Orris, Florentine, concrete, extra strong, bots..oz. 5.50 - 6.00
Palm, Niger, dms.....lb. .03¾ Nom.
shipment.....lb. .03 Nom.
softs, 12½%, bulk, shipt....lb. .02¾ Nom.
Sumatra, shipt., bulk.....lb. .02¼ Nom.
Palmarosa, cns.....lb. 2.25 - 2.50
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
300° flash, 100-110 vis., tanks, G. 3..gal .05¾- —
Patchouli, bots., cns.....lb. 6.50 - 6.75
Peanut, crude, dom., tanks..lb. .05¼ Nom.
refd., edible, bbls.....lb. .08⅝- .08¾
Pennyroyal, dom., cns.....lb. 3.00 Nom.
import, cns.....lb. 2.50 - 2.75
Peppermint, natural, cns., dms., lb. 2.50 - 2.75
redist., USP, cns., dms....lb. 2.75 - 3.00
Perilla, dms.....lb. .17½- .18
tanks.....lb. .16¾- .17
Petitgrain, Paraguay, cns....lb. 1.50 - 1.55
Pimento berry, cns.....lb. 4.35 - 7.25
leaf, cns.....lb. 2.40 - 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports..gal. .50 - .55
steam-dist., dms.....gal. .59 - —
tanks.....gal. .54 - —
Pineneedle, Siberian, cns....lb. 1.35 - 1.40
Putty, bbls., E. Segundo, Richmond, Cal..gal. .23¼- —
contracts.....gal. .19¼- —
Whiting, Ind.....gal. .28 - —
tms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
anks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .17½ Nom.
denat., bbls.....gal. 1.10 - 1.15
Red, dist. or saponif., dms., dlvd..lb. .06½- .07¼
tanks, dlvd.....lb. .05¾- —
Rose, artif., bots.....oz. 1.35 - 2.25
natural, coppers.....oz. 5.75 -22.50
Rosemary, Spanish, cns.....lb. .64 - .66
dms.....lb. .59 - .61
Rosin, 1st rectfd., dms.....gal. .42 - —
2d rectfd., dms.....gal. .44 - —
3d rectfd., dms.....gal. .48 - —
Rue, bots.....lb. 3.00 - 3.25
Sage, cns.....lb. 2.00 - 3.00
Sandalwood, E. I., USP, cns.lb. 5.25 - 5.50
Mysore, cns., car lots.....lb. 5.50 - 5.75
Sardine, crude, tanks, Pac. Cst., gal. Nom.
refd., alkali, dms.....lb. .0670- —
tanks.....lb. .0610- —
kettle-bodied, dms.....lb. .0790- —
light-pressed, dms.....lb. .0610- —
tanks.....lb. .0550- —
Sassafras, artif., cns.....lb. .83 - .84
dms.....lb. .80 - .81
natural, cns., dms.....lb. 1.15 - 1.20
Savin, cns.....lb. 2.20 - 2.25
Savory, cns.....lb. 3.50 - 3.75
Sesame, refd., dom., dms....lb. .16 Nom.
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb 9.50 -10.00
Soybean, dom., crude, dms..lb. .05⅝- .06
tanks.....lb. .05 - —
refd., dms.....lb. .06⅝- .07¼
tanks.....lb. .06 - .06¼
Spearmint, dms.....lb. 2.25 - 2.30
Sperm, bleach, 38°, dms.....lb. .1100- —
45° dms.....lb. .1030- —
natural, dms.....lb. .0980- —
Spruce, cns., dms.....lb. .65 - .70
Sweet, birch, North, cns.....lb. 2.25 - 2.65
South, cns.....lb. 1.55 - 1.70
Tall, crude, dms., c.l., works, ton.40.00 - —
l.c.l., works.....ton.45.00 -50.00
tanks, works.....ton.30.00 - —
distilled, dms., c.l., dlvd...lb. .05½- .07
l.c.l., dlvd.....lb. .06½- .08¼
tanks, dlvd.....lb. .05 - .06¾
refined, dms., c.l., works...lb. .04 - —
l.c.l., works.....lb. .04¼- —
tanks, works.....lb. .03¼- —
Tallow, acidless, bbls.....lb. .06⅜- —
tanks.....lb. .06⅜- —
Tansy, cns.....lb. 4.75 - 5.00
Tar, pine, com'l, dmc., c... dlvd. E. cities..gal. .26 - —
E. ports, c.l.....gal. .25 - —
l.c.l.....gal. .27 - —
tanks, dlvd. E. cities..gal. .20 - —
rectfd., USP, bbls., l.c.l., dlvd.. E. ports..gal. .55 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .12½ Nom.
Tea Tree (see Oil, Ti tree).
Thyme, NF, red, dms.....lb. .80 - 1.75
white, dms.....lb. .95 - 1.95
Tung (see Oil, chinawood).
Ti tree, cns.....lb. 2.30 - 2.50
Turkey red (see castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 6.00 - —
Valerian, bots.....lb. 8.00 - 9.00
Vetiver, bots.....lb. 3.75 -15.00
Whale, ref., natural, dms..lb. .0910- —
winter, bleach, dms.....lb. .0950- —
Wheat germ, cns., dms....gal.17.50 -25.00
White, mineral, dom., dms., tech., 50-60 vis., dms.gal. .33 - .34
65-75 vis., dms.....gal. .37 - .43
80-90 vis., dms.....gal. .38 - .44
USP, 89-90 vis., dms....gal. .41½- .47
95-105 vis., dms.....gal. .50 - .51
125-135 vis., dms.....gal. .56 - .57
140-150 vis., dms.....gal. .57½- .59½
175-185 vis., dms.....gal. .63½- .64½
200-210 vis., dms.....gal. .66½- .67½
320-330 vis., dms.....gal. .73½- .76½
335-345 vis., dms.....gal. .76 - .77
Russian, 80-90 vis., dms.gal. No prices
145-155 vis., dms.....gal. No prices
175-185 vis., dms.....gal. No prices
335-345 vis., dms.....gal. No prices
Wintergreen, natural, North, cns..lb. 4.35 - 5.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 4.20 - 4.30
Wormwood, cns.....lb. 5.25 - 5.50
Ylang-ylang, Bourb., bots., cns. lb. 3.00 - 8.00
Manila, bots.....lb.18.00 -22.00
Olivine, aggregate, c.l., mines, ton. 7.00 -11.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
ground, 325 mesh c.l., mines, ton.20.00 - —
200 mesh, c.l., mines....ton.17.00 - —
100 mesh, c.l., mines....ton.15.00 - —
20 mesh to dust.....ton.12.00 - —

OUTSELLS
ALL OTHER BRANDS COMBINED
3 TO 1

Exchange X BRAND
OIL OF LEMON
U·S·P·

Sold to the American Market Exclusively by

FRITZSCHE BROTHERS, INC.
76 NINTH AVENUE, NEW YORK, N. Y.

•

DODGE & OLCOTT COMPANY
180 VARICK STREET, NEW YORK, N. Y.

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIFORNIA

PRODUCING PLANT: EXCHANGE LEMON PRODUCTS CO., CORONA, CALIFORNIA

RECEIVED AUG 19 1940

U.S.I. ALCOHOL NEWS

August ★ A Monthly Review of Technical Developments for Chemists and Executives ★ 1940

CONCENTRATE FOR GLASS CLEANERS

U.S.I. Product Is Diluted with Water to Make Finished Compound

Efficient window cleaning compounds can be formulated easily and economically with the aid of a concentrated solvent blend developed by U.S.I. All that is necessary to make the finished cleaning compound is to dilute the concentrate with water. Proportions may be varied within wide limits, and the final compound may contain from 15 to 50% by volume of the solvent. Even the 15% mixture is safe for storage in cold weather.

The 50% dilution will affect paint, varnish, and lacquer, and will soften celluloid (such as eye-glass frames). The 15% compound, however, may be safely used on such surfaces, and is an excellent polish for eye-glasses.

An added advantage of this U.S.I. solvent is that it contains a rust inhibitor, which will prevent corrosion of the metal containers and atomizers in which the compound is packaged.

The solvent is available both without tint and with tint added. The manufacturer of the compound may select either the tinted or untinted blend, depending on his requirements.

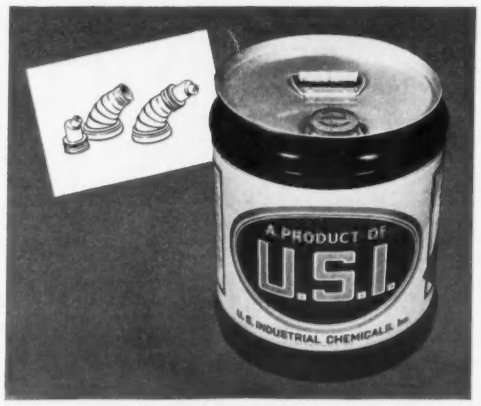
Full information on this solvent may be obtained by writing U.S.I.

U.S.I.'s new solvent offers opportunities for the economical formulation of highly effective window-cleaning compounds. Addition of water is the only step necessary to make the finished product.

PURITY OF U.S.I. ALCOHOL AIDS DENTRIFICE MAKERS

Careful control of manufacturing processes and thorough testing of denaturants assure U.S.I. Specially Denatured Alcohol of the properties essential in the formulation of dentrifices and mouth washes. U.S.I. produces S. D. Alcohol in five formulas authorized for use in toothpaste and tooth powder; in eight formulas authorized for use in mouth washes.

CONVENIENT POURING SPOUT ON U.S.I. 5-GALLON DRUMS



Easy pouring from drum into small containers is possible with the improved design of U.S.I.'s 5-gallon drums. The telescoping pouring spout is provided with an extra link having a small opening. In addition, the link is bent at an angle that facilitates pouring into small vessels. When faster pouring is desired, the extra link is simply unscrewed. This improved drum will be used for Specially Denatured Alcohol and other U.S.I. products, with the exception of Pure Alcohol.

TECHNICAL DEVELOPMENTS

For further information write U.S.I.

Multi-layer tablets can be made by a patented process, it is claimed. The layers may be of different colors or of chemically incompatible ingredients separated by an inert layer, it is said. **(No. 360a)**

Skin protection is said to be afforded by a new product available in a series of creams and ointments. Different types protect against oils, greases, waxes, and petroleum products, it is claimed. **(No. 361a)**

A new mixer can be used in the laboratory for making up test batches, or for small production lots of cosmetics, pharmaceuticals, and fine chemicals, according to the manufacturer. **(No. 362a)**

A wrapping tissue recently patented can be sealed by heat alone, it is claimed. Material is described as transparent, moisture-proof, and flexible. The joint or closure produced by the heat is said to have high strength. **(No. 363a)**

New brushes for analytical balances are said to have cellulose fibers which will not pull out or change color. Brushes are intended primarily for dry powders, it is reported. **(No. 364a)**

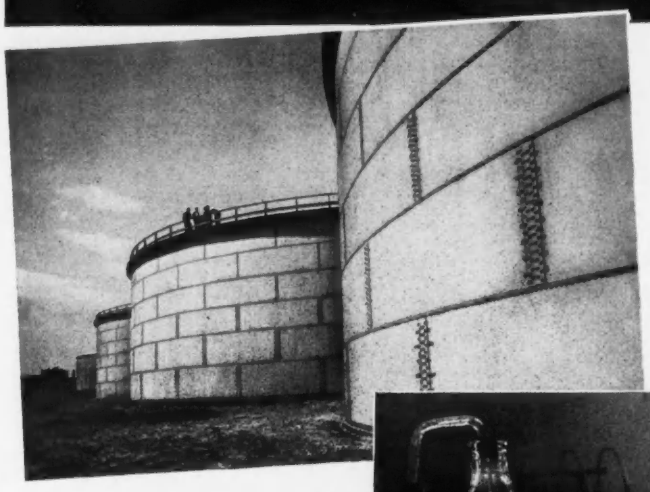
A new compound is said to act as a fixative and intensifier when blended with essential oils. Maker states that it displays very high retentivity, can be diluted with benzyl benzoate to control its action. **(No. 365a)**

New use of ether is seen in extraction of the "anti-gray-hair" factor in vitamin B complex, it is reported. **(No. 366a)**

Vitamins B_1 and C have been made available for sale in bulk by a manufacturer who formerly produced them only for his own requirements, it is reported. **(No. 367a)**

U.S.I. INDUSTRIAL CHEMICALS, INC.
60 EAST 42ND ST., NEW YORK (USI) BRANCHES IN ALL PRINCIPAL CITIES
INDUSTRIAL ALCOHOL IN ALL GRADES AND ALL FORMULAS

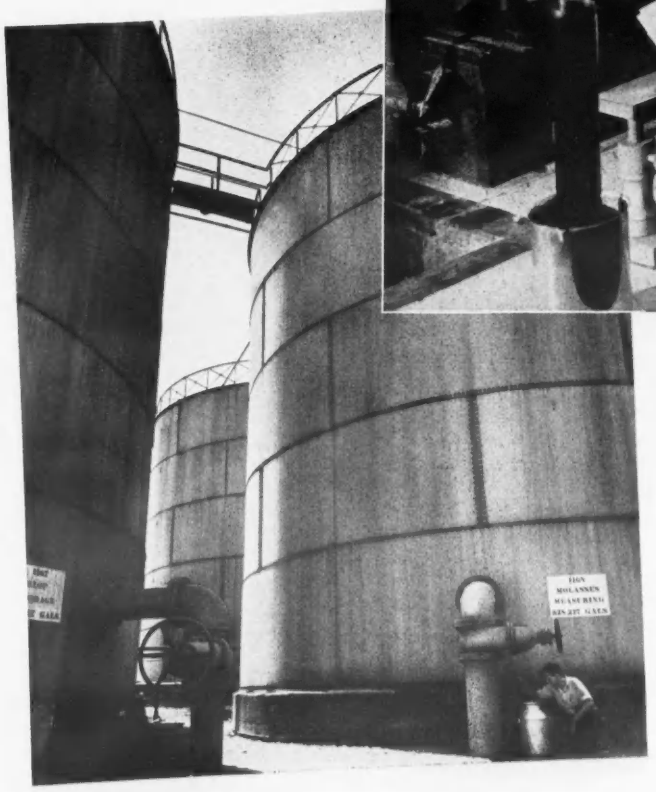
REPEATED TESTS BY U. S. I. ASSURE ALCOHOL QUALITY



(*Above*) **Giant storage tanks for the molasses used in making U.S.I. Alcohol have a combined capacity of more than 20,000,000 gallons.**

(*Right*) **Trained chemists in U.S.I.'s laboratories test the molasses samples for sugar content and for all other properties important in alcohol production.**

(*Below*) **Molasses is pumped from the main storage tanks to smaller tanks holding a day's supply. Samples of the molasses are drawn from these tanks for a final check before the production process starts.**



NO. 2 OF A SERIES ON THE CONTROL AND TESTING OF U. S. I. ALCOHOL

THE purity and uniformity of U.S.I. Alcohol are maintained by repeated tests at every step in the manufacturing process.

Even the molasses used in alcohol production, for example, is tested *four different times* before the manufacturing process begins. And the same care surrounds every subsequent step—to bring you alcohol of the quality you need in your products.

Many of the tests used by U.S.I. have been developed by the company's own research staff—for U.S.I., as a pioneer producer of industrial alcohol, has led the way in production and testing methods. Skill and experience in alcohol manufacture, exacting standards of quality combine to give U.S.I. Alcohol the properties *you* want for your formulations—and help to give your customers the properties *they* want in your products.

U. S. INDUSTRIAL CHEMICALS, INC.

Opium USP, cns.	lb.	11.50	-12.50
gran., cns.	lb.	12.50	-13.50
powd., cns.	lb.	12.50	-13.50
Orange Lake, Persian, bbls.	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.10½-	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11	- —
Colo., Mont., N. M., Wyo.	lb.	.10¾-	—
Other points	lb.	.10¼-	—
smaller lots, dlvd., Ala., etc.	lb.	.11	- —
Ariz., etc.	lb.	.11½-	—
Colo., Mont., N. M., Wyo.	lb.	.11¼-	—
Other points	lb.	.10¾-	—
French, Tours, casks, ex dock	lb.	.13½-	—
kgs., ex dock	lb.	.14½-	—
Molybdate, bbls.	lb.	.31	- —
Toner, bbls.	lb.	.80	- —
Orangeflower petals, cs.	lb.	.45	- .50
Orange peel, bitter, bis.	lb.	.09	- .10
sweet, bis.	lb.	.11	- .12½
Orris root, Florentine, bgs.	lb.	.45	- .50
fingers, cs.	lb.	1.35	- 1.70
powd., bbls., bxs.	lb.	.49	- .53
Verona, bls.	lb.	.34	- .35
powd., bxs., cs.	lb.	.37	- .38
Orthoanisidin, bbls.	lb.	.70	- —
Orthochloroaniliin, dms.	lb.	.60	- .75
Orthochlorophenol, dms.	lb.	.52	- —
Orthocresol, dms., c.l., works.	lb.	.16	- —
l.c.l., same basis.	lb.	.16½-	—
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies.	lb.	.06	- —
l.c.l., same basis.	lb.	.07	- —
100-lb. tins, same basis.	lb.	.08	- —
50-lb. tins, same basis.	lb.	.09	- —
tanks, same basis.	lb.	.05½-	—
Orthodichlorobenzene prices west of Rockies 1a. ser lb. higher.			
Orthonitroaniliin, dms.	lb.	.55	- —
Orthonitrochlorobenzene, dms.	lb.	.15	- .18
Orthonitroparachlorophenol, cns.	lb.	.75	- —
Orthonitrotoluene, dms.	lb.	.09	- —
Orthophenetidin, dms.	lb.	.80	- —
Orthotoluidin, dms.	lb.	.19	- —
Osage orange extract, cryst., bbls.,	lb.	.21	- —
liquid, 42°, bbls.	lb.	.09	- —
51°, bbls.	lb.	.19	- —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50	- —
bots., cns., 1-50 lbs.	lb.	3.65	- 4.00
Orthotoluene hydrochloride, dms.	lb.	.22	- —
Sulphonate, kgs.	lb.	2.00	- 2.05

P

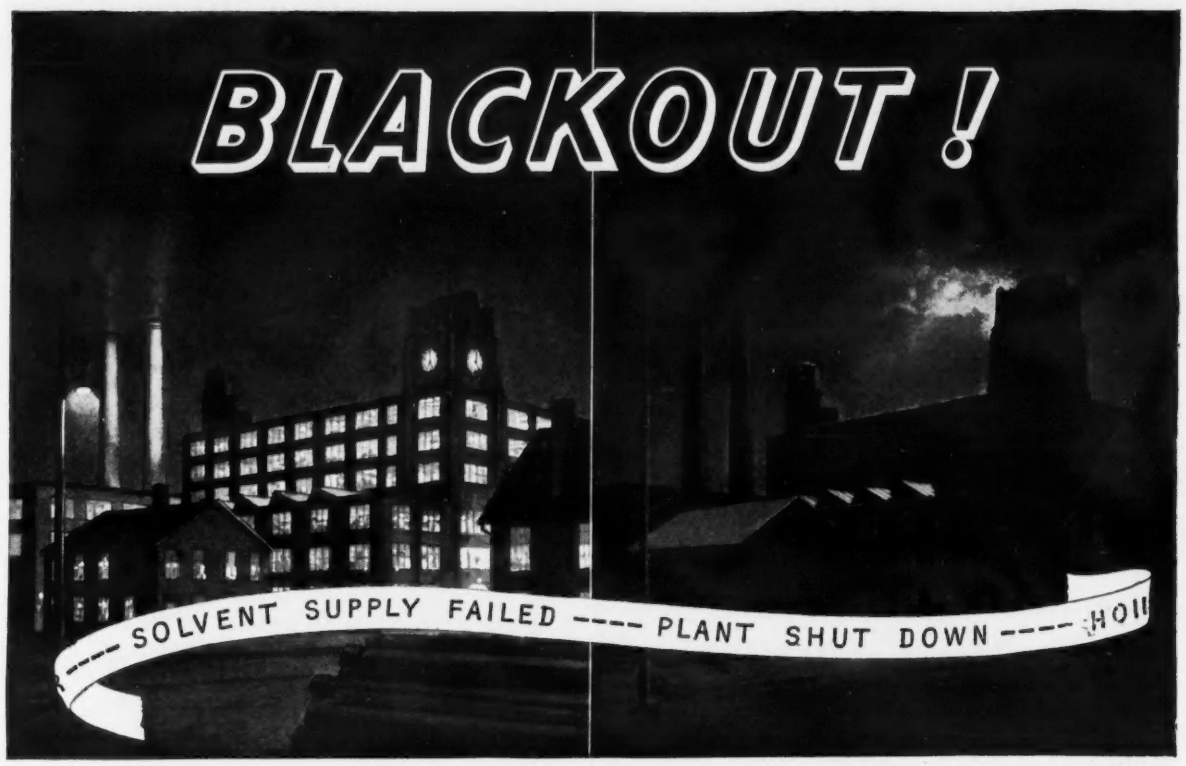
Papain, powd., cs.	lb.	1.45	- 1.50
Paprika, Algerian, bgs.	lb.	.31	- .32
Bulgarian, bgs.	lb.	.30½-	.32
Hungarian, extra fancy, bgs.	lb.	.40	- .41
medium, bgs.	lb.	.37	- .38
Portuguese, extra fancy, bgs.	lb.	.33	- .34
fancy, bgs.	lb.	.32	- .33
Spanish, fancy, cs.	lb.	.38	- .39
Parachlorophenol, dms.	lb.	.32	- —
Paracymene, refd., dms.	gal.	.75	- 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11	- .12
l.c.l.	lb.	.12½-	.13¼
Paraffin, crude, scale, white 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼-	.02½
bbls., c.l., N.Y.	lb.	.02	- —
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.02½-	.02¾
bbls., c.l., N.Y.	lb.	.02	- .02¼
yellow, 124-128 A.m.p., bbls., c.l., N.Y.		.02¼-	—
fully refd., bgs., 123-125 A.m.p., bgs., c.l.	lb.	.0570-	—
125 A.m.p., bgs., c.l.	lb.	.0570-	—
128-130 A.m.p., bgs., or loose, c.l.	lb.	.0570-	—
131-133 A.m.p., bgs., or loose, c.l.	lb.	.0595-	—
133-135 A.m.p., bgs., or loose, c.l.	lb.	.0625-	—
135-137 A.m.p., bgs., or loose, c.l.	lb.	.0650-	—
138-140 A.m.p., bgs., or loose, c.l.	lb.	.0725-	—
143-145 A.m.p., bgs., or loose, c.l.	lb.	.0820-	—
151-153 A.m.p., bgs. or loose, c.l.	lb.	.15	Nom.
Refined paraffin prices in cases are ½c. lb. higher than bags price; solid in tankcars 5c. lower.			
match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.03½-	—
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.03	- —
Paraformaldehyde, dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C.	lb.	.34	- —
100 to 900 lbs. shipments, same basis.	lb.	.35	- —
Paraldehyde, tech., 95%, 55 and 110 gal. dms., c.l., works.	lb.	.10	- —
l.c.l., works.	lb.	.11¼-	—
5 and 10-gal. dms., works.	lb.	.15	- —
USP, cs., cbys.	lb.	.37	- .40
Paranisidine, dms.	lb.	.75	- —
Paranitroaniliin, kgs., works.	lb.	.47	- —
Paranitrochlorobenzene, kgs.	lb.	.15	- —
Paranitrophenol, kgs.	lb.	.35	- —
Paranitrotoluene, kgs.	lb.	.30	- —
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls.	lb.	.70	- —
Paratoluidin, bbls.	lb.	.48	- —
Pareira brava root, bls.	lb.	.20	- .21
Paris green, dealer, dms., bbls., c.l., f.o.b. works, frt. alld.	lb.	.23	- .25
less car lot, same basis.	lb.	.24	- .26
Passion flower, herb, bls.	lb.	.08	- .09
Patchouli leaves, bls.	lb.	.28	- .30
Pellitory root, bls.	lb.	.30	- .32
Pennyroyal leaves, bls.	lb.	.15	- .16
Pentane norm., 28-38°, dm., c.l., G.3.	gal.	.11½-	—
l.c.l., G.3.	gal.	.16	- —
tanks, G.3.	gal.	.08½-	—
laboratory grade, dms., c.l., G.3,	gal.	.14	- —
l.c.l., G.3.	gal.	.25	- —
Pepper, black, Alleppey, bags.	lb.	.07½-	.07¾
Lampong, bags.	lb.	.04	- .04¼
Tellicherry, bags.	lb.	.07½-	.07¾
Mombassa, bgs.	lb.	.28½-	.29
White, Java, Muntok, bgs.	lb.	.07½-	.08
Singapore, Muntok	lb.	.07¼-	.07⅝
Red, chillies, Japan, Hontaka.	lb.	.16¾-	.17¼
Peppermint leaves, dom., bls.	lb.	.45	- .50
imports, bls.	lb.	.75	- .80
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08	- —
l.c.l., same basis.	lb.	.08½-	—
Zone 2, dms., c.l., works, frt. alld.	lb.	.08¼-	—
l.c.l., same basis.	lb.	.09	- —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09	- —
l.c.l., same basis.	lb.	.09½-	—
Perchlorethylene, Zone 4, dms., c.l., f.o.b. stock points.	lb.	.09	- —
	lb.	.09	- —
l.c.l., same basis.	lb.	.09½-	—

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.	lb.	.85	- .90
Petrolatum, amber, dms., c.l.	lb.	.02¾-	—
l.c.l.	lb.	.03¾-	—
amber, extra, dms.	lb.	.03	- —
l.c.l.	lb.	.04	- —
veterinary, dms., c.l.	lb.	.03¾-	—
white, cream, dms., c.l.	lb.	.04	- —
l.c.l.	lb.	.05½-	—
lily, dms., c.l.	lb.	.04¾-	—
l.c.l.	lb.	.06¼-	—
snow, dms., c.l.	lb.	.05½-	—
l.c.l.	lb.	.07½-	—
Petroleum, crude, bulk, at wells:—			
California	bbl.	.42	- 1.75
Canada	bbl.	2.10	- 2.17
Central West:—			
Illinois	bbl.	.53	- 1.00
Lima	bbl.	.90	- —
Michigan	bbl.	.82	- 1.08
Princeton	bbl.	1.05	- —
Petroleum, crude, bulk, at wells, Central West, East Texas.	bbl.	1.10	- —
Gulf Coast	bbl.	.74	- 1.41
Kentucky, Tennessee	bbl.	1.02	- 1.10
Louisiana, Arkansas	bbl.	.73	- 1.20
Mexico	bbl.	No prices	
Midcontinent:—			
North Texas	bbl.	.51	- 1.10
Oklahoma-Kansas	bbl.	.58	- 1.10
Petroleum, crude, bulk, at wells.			
Pennsylvania, Ohio, West Virginia:—			
Bradford, Allegany	bbl.	2.00	- —
Corning	bbl.	1.17	- —
Buckeye lines	bbl.	.95	- —
N. Y. Transit lines	bbl.	2.00	- —
Eureka lines	bbl.	1.59	- —
S. W. Penn lines	bbl.	1.65	- —
lower district in National Transit lines.	bbl.	1.88	- 1.93
Rocky Mountains	bbl.	.51½-	1.80
South Central and Southwestern Texas.	bbl.	.73	- 1.27
Texas Panhandle	bbl.	.67	- .96
West Texas	bbl.	.53	- .95
Ether, 30-60°, dms., c.l., G.3,	gal.	.14½-	—
l.c.l., G.3.	gal.	.25½-	—
tanks, G.3.	gal.	.13½-	—
35-60°, dms., l.c.l., G.3.	gal.	.30½-	—
40-75°, dms., c.l., G.3.	gal.	.14½-	—
l.c.l., G.3.	gal.	.25½-	—
tanks, G.3.	gal.	.13½-	—
laboratory grade, dms., c.l., G.3.	gal.	.14½-	—
c.l., G.3.	gal.	.25½-	—
10-gal. lots, G.3.	gal.	.50½-	—
Lacquer, diluent, at refinery:—			
California, 100 l.b.p., 200 e.p., tanks, dlvd. Los Angeles.	gal.	.11	- —
San Francisco.	gal.	.11¼-	—
f.o.b. Richmond	gal.	11	- —

Opium—Pet. Naphtha

Petroleum, lacquer, diluent, at refinery, Calif., Willbridge, Ore., Ft. Wells, Wash.	gal.	.12	- —
East Coast, tanks.	gal.	.09½-	.10
Group 3, toluol type, tanks,	gal.	.07¾-	—
benzol type, tanks.	gal.	.07¾-	—
Naphtha, cleaners,' at refinery:—			
East Coast, tanks.	gal.	.09	- .10¼
Group 3, tanks.	gal.	.06⅞-	.07
tankwagon, Boston, ex tax.	gal.	.13½-	—
Bridgeport	gal.	.13½-	—
Chicago, inc. 4c. tax.	gal.	.18	- —
Decatur, inc. 4c. tax.	gal.	.1910-	—
tankwagon, Des Moines, inc. 4c. tax.	gal.	.1890-	—
Des Moines, inc. 4c. tax,	gal.	.1890-	—
Evansville, inc. ex tax.	gal.	.15	- .16
Milwaukee, inc. 5c. tax.	gal.	.2080-	—
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.20½-	—
Newark, ex tax.	gal.	.10½-	—
New York, ex tax.	gal.	.10½-	—
Omara, ex tax.	gal.	.1490-	.1580
Oklahoma City, ex tax.	gal.	.16½-	—
Philadelphia, ex tax.	gal.	.12	- —
St. Louis, inc. 1c. tax.	gal.	.15½-	—
Syracuse, 150 gals.	gal.	.14½-	—
smaller lots, galv. drums.	gal.	.10	- —
milk cans.	gal.	.21	- —
High-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.	gal.	.20	- —
2, over 90% arom., same basis.	gal.	.21	- —
3, same basis.	gal.	.22	- —



A Lesson on the Value of SKELLY'S DEPENDABILITY of SUPPLY

SKELLYSOLVE in the OIL, PAINT and DRUG FIELD

The Skellysolve line includes naphthas specially fractionated for every laboratory and industrial use. We furnish a complete line of V. M. & P. naphthas, mineral spirits and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved of great value. Write or wire for full information today.

PERHAPS the possibility of a sudden delivery failure in your solvent supply seems remote in the extreme. Perhaps such a failure has never caused a temporary shutdown in any department of your plant. And surely it would not be our wish to cause you unwarranted fear in this regard. But the mere fact that the possibility does exist, and that shutdowns of this nature do occur, makes reasonable precaution only sensible. And it explains why many users of solvents have come to place a high value upon Skellysolve's *dependability of supply*.

Other things are important, too, of course! Purity, uniformity, close boiling ranges, freedom from foreign tastes and odors . . . all these we guard with unceasing vigilance.

Skellysolve's *dependability of supply*, however, is something else . . . a thing apart. We are proud of our ability to supply all types of higher fractions, unfailingly, in practically any quantity, without regard to weather, season, or rush of previous orders. Because we have facilities for producing, fractionating, handling, storing and transporting extra-quality naphthas that are unsurpassed in the field. Solvents are our business—not a side line. We have pioneered many of the developments in the field of special naphthas. And we are in the business to stay.

So . . . if some failure of your solvent source, remote as it may seem, would be a serious matter in your plant, we suggest that you give Skellysolve a trial. And we're sure that whether you judge your solvent on quality of product, promptness of service, or dependability of supply, you'll be *satisfied* with Skellysolve!

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 4814 S. Richmond St., Chicago, Ill.

A. Ernest MacGee, *Manager*

WIRE OR WRITE TODAY FOR INFORMATION OR PRICES!

Pet. Naphtha—Pot. Cyanide

Petroleum, naphtha, high-solvency, chromatic, No. 8, tanks, f.o.b. Paulsboro, N. J. gal. .16½- —
30, same basis.....gal. .17½- —
40, same basis.....gal. .17½- —
v.m.&p., at refinery—
California, 46.5, 254 l.b.p., 880 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 l.b.p., 310 e.p., tanks, dlvd. Los Angeles, gal. .10 - —
San Francisco.....gal. .10½- —
Portland, Seattle.....gal. .11 - —
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .06⅞- .07
tankwagon, Boston, ex tax, gal. .14½- —
Chicago, inc. 4c. tax...gal. .17 - —
Des Moines, inc. 4c. tax.gal. .1890- —
Decatur, inc. 4c. tax..gal. .1910- —
Evansville, Ind., ex tax, gal. .1520- .1620
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11½- —
New York, ex tax.....gal. .10½- —
Omaha, ex tax.....gal. .1490- .1590
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax.gal. .1570-

Petroleum solvent, rubber, at refinery, East Coast, tanks.. gal. .09½- —
Group 3, light, 120 l.b.p., 250 e.p., tanks..gal. .06⅞- .07
standard, 180 l.b.p., 288 e.p., tanks..gal. .06⅝- .07
Stoddard (CS 8-88), at refinery:—
East Coast, tanks.....gal. .08⅝- .09⅛
Group 3, tanks.....gal. .06⅝- .06⅞
tankwagon, Boston, ex tax, gal. .14 - —
Chicago, inc. 4c. tax...gal. .1640- —
Decatur, inc. 4c. tax..gal. .1860- —
Des Moines, inc. 4c. tax.gal. .1840- —
Evansville, Ind., ex tax.gal. .14 - .16
Milwaukee, nc. 5c. tax.gal. .1980- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .1820- —
Newark, ex tax.....gal. .09½- —
New Orleans, ex tax...gal. .11 - —
New York, ex tax.....gal. .09½- —
Omaha .....gal. .1360- .14⅛
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax.gal. .1340- —
Tulsa, ex tax.....gal. .10½- .11⅛
Thinners, tankwagon, tax included:—
California, 166-252 b.r., 59.5 a.p.i., tanks, ex tax, Los Angeles..gal. .10 - —
Portland .....gal. .11 - —
San Francisco.....gal. .10½- —
Seattle .....gal. .11 - —

Petroleum thinners, tankwagon, Calif., 198-290 b.r., 56.4 a.p.i., tanks, ex tax, Los Angeles..gal. .10 - —
Portland .....gal. .11 - —
San Francisco.....gal. .10½- —
Seattle .....gal. .11 - —
245-397 b.r., 47.7 a.p.i., tanks, ex tax, Los Angeles..gal. .10 - —
Portland .....gal. .11 - —
San Francisco.....gal. .10½- —
Seattle .....gal. .11 - —
312-408 b.r., 40.8 a.p.i., tanks, ex tax, Los Angeles..gal. .08½- —
Portland .....gal. .09½- —
San Francisco.....gal. .09 - —
Seattle .....gal. .09½- —
318-393 b.r., 35.2 a.p.i., tanks, ex tax, Los Angeles, gal. .13 - —
Portland .....gal. .14 - —
San Francisco.....gal. .13 - —
Seattle .....gal. .14½- —
East Coast, 43-47, tanks..gal. .08⅝- .09⅛
47-49, tanks.....gal. .10½- —
New Jersey, tanks.....gal. .09 - —
Group 3, tanks.....gal. .06⅞- —
Petroleum, thinners, tankwagon, tax included:—
Albany .....gal. .13½- —
Baltimore (100 gals.)...gal. .14 - —
25-99 gals.....gal. .16 - —
Boston .....gal. .13½- —
Bound Brook, North Amboy, N J..gal. .13½- —
Bridgeport, Conn.....gal. .11½- —
Buffalo .....gal. .15½- —

Petroleum, thinners, tankwagon, tax included:—
Camden, N. J.....gal. .10 - .11⅛
Chicago .....gal. .1670- —
Decatur .....gal. .1810- —
Des Moines.....gal. .1790- —
Evansville, Ind.....gal. .1420- .1520
Milwaukee .....gal. .1930- —
Minneapolis-St. Paul...gal. .19½- —
Newark .....gal. .09½- —
New York (200 gals)..gal. .09½- —
Omaha .....gal. .12½- —
Pittsburgh .....gal. .11½- .13½
Providence .....gal. .12 - —
Rochester .....gal. .12½- —
St. Louis.....gal. .1470- —
Syracuse .....gal. .10½- —
Trenton .....gal. .10½- —
Wilmington, Del.....gal. .12½- —
Phenobarbital, 5-lb. bots.....lb. 3.95 - —
bots. or cns., 100 lbs., spot or contract..lb. 3.60 - —
25-lb. cns.....lb. 3.85 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .13 - —
l.c.l., same basis.....lb. .13¾- —
under 1,000 lbs.....lb. .14¾- —
tanks, works.....lb. .12 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
yellow, fib. dms., 2,000-lb. lots, lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 2.50
Dimethylacetate, cns.....lb. 14.50 -15.00
Phenyl ethyl acetate, cns.....lb. 2.45 - 2.50
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50
Phenylhydrazine, base, CP, bots, lb. 4.00 - —
hydrochloride, CP, bots., works, lb. 4.00 - —
commercial, kgs., works....lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, wks..lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 70% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.90 - —
70% min., bulk, mines.... long ton. 2.15 - —
land pebble, 72% min., bulk, mines..long ton. 2.40 - —
75% basis, 74% min., bulk, mines..long ton. 2.90 - —
Tenn., 72% bulk, mines..... long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases .....lb. .23 - .25
Oxychloride, cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works..lb. .11 - .12
l.c.l., dms., works.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., works, tons, lb. .35 - —
single bbls., works.....lb. .40 - —
kgs., works.....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .13 - .14
Pilocarpine hydrochloride, bots., vis..oz. 3.25 - 3.75
Nitrate, bots., vis.....oz. 3.15 - 3.65
Pimento, bags.....lb. .15 - .15½
Pinkroot, bls.....lb. .40 - .41
Pitch, burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
Hardwood, 1-time dms., c.l., dlvd. Akron..ton. 23.75 -24.00
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Plaster of Paris (see Gypsum).
Pleurisy root, Southern, bls...lb. .12 - .13
Podophyllin, dms., dlvd. E. of Miss..lb. 4.50 - 4.70
Poke root, bls.....lb. .07 - .07½
Pomegranate bark, bgs.....lb. .52 - .53
Root bark, bgs.....lb. .47 - .48
Poppy flowers, red, bls.....lb. .75 - .80
Seed, Dutch, bgs.....lb. .20½- .21
Turkish, bgs.....lb. .17 - .17½
Potash abietate.....lb. .08 - —
Acetate, tech., bbls., dlvd...lb. .26 - —
kgs., dlvd.....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .32 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
dem;. 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .18 Nom.
kgs., 100 lbs.....lb. .20 Nom.
gran., bbls., 250 lbs.....lb. .18 Nom.
kgs., 100 lbs.....lb. .20 Nom.
Bichromate, spot, c.l., works..lb. .08⅞- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
fib. dms., 100 lbs.....lb. .28 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis.lb. .03125- —
tanks, same basis.....lb. .0275- —
USP, gran., bbls., 325 lbs..lb. .14 - —
powd., bbls., 325 lbs....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import, dms.....lb. No prices
liquid, 45% basis, dms.....lb. .03½- .03¾
tanks .....lb. .03⅞- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, dms.....lb. No prices
Chlorate, cryst., kgs.....lb. .10½- .17
powd., kgs.....lb. .10 - .17
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 Nom.
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- —
Cyanide, cns., dms.....lb. No prices
Cyanide, gold, 11% gold, bots., works..oz. 14.20 -14.45

25 Years of

PHENOL

U. S. P.

Production

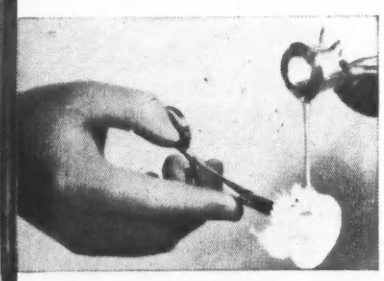
CAN YOU LOOK BACK 25 years? Do you remember, long before the era of the "talkies," when the moving picture sensation of the hour was "The Birth of a Nation"? That was in 1915, the year of the Panama-Pacific International Exposition at San Francisco; also the year when Dow started the manufacture of synthetic phenol.

The original phenol plant Dow built to supply phenol for medicinal and industrial uses became obsolete as the demand increased through the expanding use of phenol in the manufacture of salicylates and industrial products.

This led in 1922 to the development by Dow of an entirely new process and the erection of the largest plant in the world for the manufacture of synthetic phenol.

The growth of Dow phenol production is due to the fact that leading makers of antiseptic, germicidal, and deodorizing preparations for the drug trade and disinfectants for sanitary, medicinal, and surgical purposes regard Dow Phenol, U.S.P. as the preferred product.

Dow Phenol, U.S.P., is water white; has a congealing point of 40° C. Shipped in 25-gal. drums (galvanized); 29-gal. drums (tinned); and 55-gal. drums (galvanized).



DOW

PRODUCERS OF OVER 300 CHEMICAL PRODUCTS

THE DOW CHEMICAL COMPANY
MIDLAND, MICHIGAN

Branch Sales Offices: New York City, St. Louis, Chicago, San Francisco, Los Angeles, Seattle.

Potash, glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.00 - —
100-lb. lots.....lb. 1.10 - —
50-lb. lots, cbys., or cns..lb. 1.15 - —
25-lb. lots, cns.....lb. 1.25 - —
Guaiacolsulphonate, fib. dms., 100-lb. lots..lb. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 100 lbs. to 1,000 lbs..lb. .32 - .34
Hypophosphite, cns., 100 lbs..lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.55 - —
cns., 25 lbs.....lb. 3.46 - —
Iodide, bbls., 250 lbs.....lb. 1.35 - —
bots. or cns.....lb. 1.54 - 1.80
dms.....lb. 1.45 - 1.48
Kainit, 20% K_2O, bulk, ex-vessel, Atlantic or Gulf ports..ton. No prices
Manure salt, dom., min., 30% K_2O, bulk, ex-vessels, ports, unit-ton. .60 - —
import, 30% K_2O, bulk, ex-vessel, Atlantic or Gulf ports..ton. No prices

Domestic manure salt prices, basis f.o.b., Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex-vessel price named above. Prices in bags are $2 per ton higher than bulk prices.

Metabisulphite, kgs.....lb. .15 Nom.
Muriate, dom., min., 50% or 62%, K_2O, bulk, ex-vessel, ports..unit-ton. .53½- —
import, min. 50% or 60% K_2O, bulk, ex-vessel, Atlantic or Gulf port..unit-ton. No prices
Atlantic or Gulf ports.

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex-vessel price named above. Prices, basis f.o.b. Trona, Cal., are 8c. per unit of K_2O less than the ex-vessel price. Prices in bags are $2 per ton higher than the bulk price.

Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports, ton. No prices
Perchlorate, kgs., works.....lb. .09½- .11
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .45 Nom.
Yellow, bbls.....lb. .17 - .19
Recinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lumps, bgs..lb. .07 - —
Sulphate, NF, cryst., 400 lbs., bbls..lb. .18 Nom.
100-lb. kgs.....lb. .20 - —
powd., 350 lbs., bbls....lb. .19 Nom.
100-lb. kgs.....lb. .21 - —
tech., dom., bgs., basis 90% K_2SO_4, ex-vessel, ports..ton. No prices
bulk, same basis.....ton. No prices
imp., min., 90%, bgs., ex-vessel, Atl. or Gulf ports, ton. No prices
Xanthate, dms., c.l.....lb. .13 - —
l.c.l.....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt., ton. No prices
Potash-soda ferricyanide, dms., works..lb. .36 - .39
Potash titanium oxalate, 350-lb. bbls..lb. .40 - —
100-lb. dms.....lb. .40 - —
Prickly ash bark, bls.....lb. .12 - .13
Berries, bgs.....lb. .28 - .30
Prince's pine herb, bls.....lb. .22 - .23
Propane, tanks, Group 3.....gal. .03¾- .04
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .75 - .80
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. No prices
less than 3, works....lb. No prices
F and 1, bbls., 3 or over, works..lb. No prices
less than 3, works....lb. No prices
O, O-½, O-¾, and ½, bbls., 3 or over, works..lb. No prices
less than 3, works....lb. No prices
Ital.-grd., bgs., c.l., ship., ex dock, N.Y..ton. No prices
l.c.l., 5-29 tons, ex whse., ton. No prices
1,000-10,000 lbs., ex whse. ton. No prices
2 bgs. to 1,000 lbs., ex whse. ton. No prices
single bgs., ex whse..ton. No prices
Pumpkin seed, bgs.....lb. .10 - .11
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.50 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gls., or more, standard brand, odorless..gal. 7.15 - 7.50
(30 to 1), 3.6% pyrethrin, 55-gal. dms. (incl.), frt. alld., or dlvd., on 15 gals. or more, standard brand, colorless..gal. 10.65 - 11.00
Pyrethrum flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over..lb. .33 - .35
fine powd, Japan, bbls., ton lots, frt. alld..lb. .35 - .37
Pyridin, denaturing, dms.....gal. 1.71 - —
refd., 2°, dms.....lb. .51 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. 12-13 Nom.
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophylite, standard, 200 mesh, c.l., mines..ton. 9.00 - —
325 mesh ,same basis.....ton. 12.00 - —
No. 3, 200 mesh, c.l., mines.ton. 7.50 - —
325 mesh, same basis.....ton. 12.00 - —
Pyroxylin scrap, amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
china white, ivory, cs., works, lb. .13 - —
dense, white, cs., works....lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works..lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .06 - .08
Quebracho extract, liquid, 55% tan bbls., works..lb. .04 - —
tanks, works.....lb. .03½- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04¼- —
clarified, 64%, bgs., c.l., same basis..lb. .04¾- —
Queen of the meadow leaves, bgs..lb. .07½- .08
Root, bxs.....lb. .10 - .11
Quercitron, extract, liquid, 51°, bbls..lb. .08½- .09½
solid, dms.....lb. .11 - .16½
Quicksilver, dom., flasks (76 lbs. net, dlvd., N.Y...flask. 182.00 -185.00
European, flasks (76 lbs. net), c.i.f., N. Y., incl. war risk insurance..flask. 207.00 - —
ex store.....flask. 209.00 - —
Quince seed, bxs.....lb. 1.10 - 1.15
Quinidine, N.F.V., cryst., cns..oz. 1.06 - —
powd., precip., cns.....oz. 1.01 - —
Sulphate, cns.....oz. .71 - —

Subject to surcharge of 7c. per oz.; see note under Quinine.

Quinine, 100 ozs., cns.....oz. .84 - —
Acetate, cns.....oz. 1.05 - —
Arsenate, cns.....oz. 1.05 - —
Arsenite, cns.....oz. 1.07 - —
Bisulphate, cns.....oz. .60 - —
Citrate, cns.....oz. .78 - —
Dihydrobromide, bots.....oz. .82 - —
Dihydrochloride, bots.....oz. .82 - —
Ethylcarbonate, cns.....oz. .85 - —
Ferrocyanide, cns.....oz. 1.07 - —
Formate, cns.....oz. 1.00 - —
Glycerophosphate, cns.....oz. 1.20 - —
Hydrochloride, cns.....oz. .76 - —
Hydrochlorosulphate, cns....oz. .81 - —
Hydroiodide, cns.....oz. 1.05 - —
Hypophosphite, cns.....oz. 1.07 - —
Phosphate, cns.....oz. .90 - —
Salicylate, cns.....oz. .79 - —
Sulphate, USP, XI, cns.....oz. .67 - —
Quinine, sulphocarbonate, cns.oz. 1.05 - —
Tanrate, cns.....oz. .64 - —
Tartrate, cns.....oz. 1.03 - —
Valerate, cns.....oz. .99 - —

Quinine buyers must pay a surcharge of 7c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Quinine-urea hydrochloride, cns.oz. .81 - —

Subject to surcharge of 4c. per oz.; see note under Quinine.

R

R, salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .07½- .08
Dutch, black, bgs.....lb. .10 - .10½
red, bgs.....lb. .12 - .12½
Japanese, bags.....lb. .08½- .09
Raspberries, dried, bls.....lb. .60 - .65
acd. alizarin lake, bbls., dlvd. N. of Tenn., and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Red, Alizarin lake prices are ¼c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.) Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Potash Glycero.—Red, Cadm.

Red, cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .90 - —
smaller lots, same basis, lb. .95 - —
kgs., ton lots, same basis, lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
light shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
light, shade, kgs., ton lots, same basis..lb. .80 - —
smaller lots, same basis, lb. .85 - —
light-medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
maroon shades, bbls., ton lots, same basis..lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
kgs., ton lots, same basis, lb. 1.05 - —
smaller lots, same basis, lb. 1.10 - —
medium shade, bbls., ton lots, same basis..lb. .85 - —
smaller lots, same basis, lb. .90 - —

Nurtured in Rich Soil

Farmers value rich soil for the good yield it produces. And manufacturers value good basic materials for the good factory products they make possible. Many manufacturers have won consumer recognition and acceptance for their products with the help of Niagara materials — Carbonate of Potash, Caustic Potash and Caustic Soda. Let your product be nurtured in the "rich soil" of Niagara materials.

Niagara ALKALI COMPANY
60 EAST 42nd STREET, NEW YORK, N. Y.
Affiliated with Electro Bleaching Gas Company, Pioneer Manufacturer of Liquid Chlorine

CAUSTIC SODA
CARBONATE OF POTASH
CAUSTIC POTASH

Red, Cad.—Skunk Cabbage

Red, cadmium, lithopone, medium shade, kgs., ton lots, same basis..lb.	.90	—
smaller lots, same basis. lb.	.95	—
Selenide, bbls., dark, works, lb.	2.70	—
light, works..lb.	2.40	—
orange, bbls., 100-lb. lots, works..lb.	1.50	—
Carmine, 40, dms., 100 lbs...lb.	4.50	—
50 lbs..lb.	4.60	—
cns., 5 lbs..lb.	4.75	—
1 lb..lb.	4.85	—
Crocus martis (see Red, purple oxide).		
Eosin toner, bbls..lb.	1.25	—
Indian, pure, bbls., f.o.b., Bethlehem, Easton, E. St. Louis, N. Y..lb.	.08¾-	—
80%-85%, bbls., same basis.lb.	.07¾-	—
Iron oxide (see Red oxide).		
Lake C toner, bbls., same basis, alizarin, lake, contracts..lb.	.90	—
open order..lb.	.90	—
Lithol toner, bbls., same basis, alizarin, lake, contracts..lb.	.55	—
open order..lb.	.60	—
Rose lake, bbls..lb.	.20	- .25
Pink, bbls..lb.	.15	- .20
Lithol-rubine toner, bbls., same basis, alizarin lake.....lb.	1.25	—
Maroon lake, 25%, kgs., same basis alizarin lake contracts, lb.	.40	—
Oxide (see Red, purple oxide).		
Mercury oxide, tech., dom., bbls. lb.	3.11	—
Metallic, bbls., Pa., works...lb.	.02	—
Orange, Persian (see O).		
Oxide, pure, bbls., c.l., works, lb.	.08½-	—
l.c.l., works..lb.	.09¼-	—
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio..lb.	.08¼-	—
80% copperas oxide, bbls., same basis..lb.	.07¾-	—
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb.	.70	—
open order..lb.	.75	—
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lb.	.05	—
ex whse., Chicago, St. Louis..lb.	.05¾-	—
San Fran., Los Ang., Portland, Seattle..lb.	.05½-	—
Phloxin toner (see Red, Eosin toner)		
Phosphotungstic rhodamine Y, kgs..lb.	3.90	-
Purple lake, kgs..lb.	.60	- 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb.	.03	- —
Toner, kgs..lb.	1.50	- 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb.	.55	- —
Lake, kgs., same basis alizarin lake..lb.	.25	- .30
Spanish, oxide, bbls., f.o.b. N.Y. lb.	.04½-	—
Toluidine toner, kgs., same basis alizarin lake..lb.	1.05	- —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb.	.11	- .40
Venetian, bbls, works.....lb.	.0220-	—
10%, bbls., works.....lb.	.0245-	—
15%, bbls., works.....lb.	.0265-	—
20%, bbls., works.....lb.	.02¾-	—
25%, bbls., works.....lb.	.03	- —
30%, bbls., works.....lb.	.03¼-	—
35%, bbls., works.....lb.	.0360-	—
40%, bbls., works.....lb.	.04	- —
Vermilion, Amer., bbls., same basis alizarin lake..lb.	.15	- —
quicksilver, bbls., 5 tons..lb.	No prices	
smaller lots..lb.	3.27	- 3.32
Red dyes are listed under Dyes.		
Red precipitate, N. F., powd., fib., dms., 50 lbs. or more..lb.	3.26	- —
Red saunders wood, ground, bbls. lb.	.12	- .17
Resorcinol, tech., 200 lb. dms., frt., alld., E. of Miss..lb.	.68	- —
smaller quantities, works..lb.	.74	- —
U.S.P., cryst, 100 lb., dms., frt., alld., E. of Miss..lb.	1.80	- —
Rhatany root, bgs.....lb.	.12	- .14
Rhodinol, bots.....lb.	5.50	-10.00
Rhubarb, bots.....lb.	.55	- .57
powd., bbls., kgs.....lb.	.58	- .60
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb.	.25¾-	—
smaller lots..lb.	.26¼-	—
powd., bbls., 5,000 lbs., 1 ship't..lb.	.24¾-	—
smaller lots..lb.	.25¼-	—
Rose flowers, pale, bls.....lb.	.50	- .60
red, bls.....lb.	2.50	- 3.00
Rosemary, flowers, bls.....lb.	.45	- .50
leaves, bls.....lb	.09	- .10
Rosin, gum, B, bbls, ex dock 100 lbs.	1.70	- —
D, bbls.....100 lbs.	1.88	- —
E, bbls.....100 lbs.	1.98	- —
F, bbls.....100 lbs.	2.22	- —
G, bbls.....100 lbs.	2.29	- —
H, bbls.....100 lbs.	2.29	- —
I, bbls.....100 lbs.	2.29	- —
K, bbls.....100 lbs.	2.29	- —
M, bbls.....100 lbs.	2.33	- —
N, bbls.....100 lbs.	2.50	- —
W. G., bbls.....100 lbs.	2.75	- —
W. W., bbls.....100 lbs.	2.90	- —
X, bbls.....100 lbs.	2.95	- —
Rosin, wood, bbls.....100 lbs.	1.85	Nom.
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.	25.50	- —
l.c.l., f.o.b. mines....ton.	37.50	- —
import, lump, bbls.....lb.	No prices	
powd., bbls.....lb.	No prices	
Rue, bbls.....lb.	.30	- .35

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Sabadilla seed, powd., bbls....lb.	.22	- .23
Saccharin, dms., 100 lbs.....lb.	1.45	- —
cns., 25 lbs.....lb.	1.48	- 1.50
Safflower, bls.....lb.	.35	- .40
Saffron, Mexican, bls.....lb.	.35	- .40
Spanish, tins.....lb.	28.00	-29.00
Safrol, cns.....lb.	1.05	- 1.10
dms.....lb.	1.00	- 1.05
Sage, Dalmatian, stemless.....lb.	No stocks	
garden, bls.....lb.	.36	- .37
Sago flour, bgs.....lb.	.04	Nom
Salicin, bots., 5 lbs.....lb.	7.04	- —
cns., 25 lbs.....lb.	7.00	- —
Salol, gran., bbls., 200 lbs.....lb.	.90	- —
bxs., 25 lbs.....lb.	.93	- —
kgs., 100 lbs.....lb.	.90	- —
powd., fib, dms., 25 lbs.....lb.	1.03	- —
kgs., 100 lbs.....lb.	1.00	- —
Salt, rock, bgs., dlvd., N.Y...ton.	13.20	-13.35
l.c.l., bgs., dlvd., N.Y..ton.	15.00	-15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y..ton.	15.70	- —
l.c.l., dlvd., N.Y.....ton.	16.60	-19.70
Saltcake, grd., dom., bbls., works, ton.	24.00	Nom
bulk, works.....ton.	17.00	Nom
import, bulk, c.i.f.....ton.	20.00	Nom
Chrome (see Chrome cake).		

Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs.	8.10	- 9.10
1-9 tons.....100 lbs.	8.25	- 9.25
less than ton lots..100 lbs.	8.50	- 9.50
gran., bbls., 10-20 tons, 100 lbs.	7.10	- —
1-9 tons.....100 lbs.	7.25	- —
less than ton lots..100 lbs.	7.50	- —
powd., bbls., 10-20 tons.100 lbs.	8.10	- —
1-9 tons.....100 lbs.	8.25	- —
less than ton lots..100 lbs.	8.50	- —
Santonin, cryst., cns.....kilo.	145.00	-150.00
Saponin, crude, cns.....lb.	2.25	- 2.50
purified, cns., 25 lbs.....lb.	3.00	- 3.25
Sarsaparilla root, Honduras, bls.lb.	.30	- .31
Mexican, bls.....lb.	.13	- .14
Sassafras, bark, ord., bls.....lb.	.13	- .14
select, bls.....lb.	.20	- .21
Savory, bales.....lb.	.40	- —
saw palmetto berries, bgs.....lb.	.08	- .09
Scammony root, bgs.....lb.	.07	- .09
resin, lump, cns.....lb.	.85	- —
powd., bxs.....lb.	.90	- —
Schaeffer's salt, bgs.....lb.	.46	- —
Seidlits mixture, bbls., 5,000 lbs., 1 shipmt..lb.	.20½-	—
smaller lots.....lb.	.20½-	—
kegs, 5,000 lbs., 1 shipm't..lb.	.20¾-	—
smaller lots.....lb.	.21½-	—
Selenium, pwd., A, 10-lb. tins..lb.	2.00	- —
100-lbs. cases.....lb.	1.75	- —
Senega root, spot, bls.....lb.	.72	- .75
Senna leaves, Alexandria, half leaf, bls..lb.	.16	- .17
siftings, bgs.....lb.	.16	- .17
Tinnevelly, No. 1, bls.....lb.	.12	- .13
2 bls.....lb.	.10	- .11
3 bls.....lb.	.08½-	.09
powd., bbls., bxs.....lb.	.12	- .13
Pods, bls.....lb.	.09	- .10
Serpentaria root, bls.....lb.	.70	- .75

Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb.	.25	- .26
dlvd., Boston.....lb.	.25½-	.26½
Chicago.....lb.	.25¾-	.26¾
Pacific Coast.....lb.	.28	- .29
rfd., bbls., f.o.b. N.Y....lb.	.31	- .32
dlvd., Boston.....lb.	.31½-	.32½
Chicago.....lb.	.31¾-	.32¾
Pacific Coast.....lb.	.34	- .35
Garnet, bgs.....lb.	.19½-	—
Orange, D.C., VSO., Diamond I, cases..lb.	.25½-	.26
Superfine, bgs., f.o.b. Bost., N. Y..lb.	.14½-	—
dlvd., Chicago.....lb.	.15	- .15½
Pacific Coast.....lb.	.17½-	.18
T.N., bgs., f.o.b. Bost., N.Y.lb.	.14	- .14½
dlvd., Chicago.....lb.	.14½-	.15
Pacific Coast.....lb.	.17	- .17½
varnish, Metro. area, orange, 5-lb. cut, bbls..gal.	1.05	- 1.10
4½-lb. cut, bbls.....gal.	1.00	- 1.05
4-lb. cut, bbls.....gal.	.95	- 1.00
white, 5-lb. cut, bbls.....gal.	1.15	- 1.20
4½-lb. cut, bbls.....gal.	1.10	- 1.15
4-lb. cut, bbls.....gal.	1.05	- 1.10
Prices, dlvd., Boston or Chicago, 10c. per gal. higher.		
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.	17.00	- —
l.c.l., 2½ tons, works, ton.	19.00	- —
smaller lots, works, ton.	20.00	- —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.	19.00	- —
l.c.l., 2½ tons, works, ton.	21.00	- —
smaller lots, works.ton.	25.00	- —

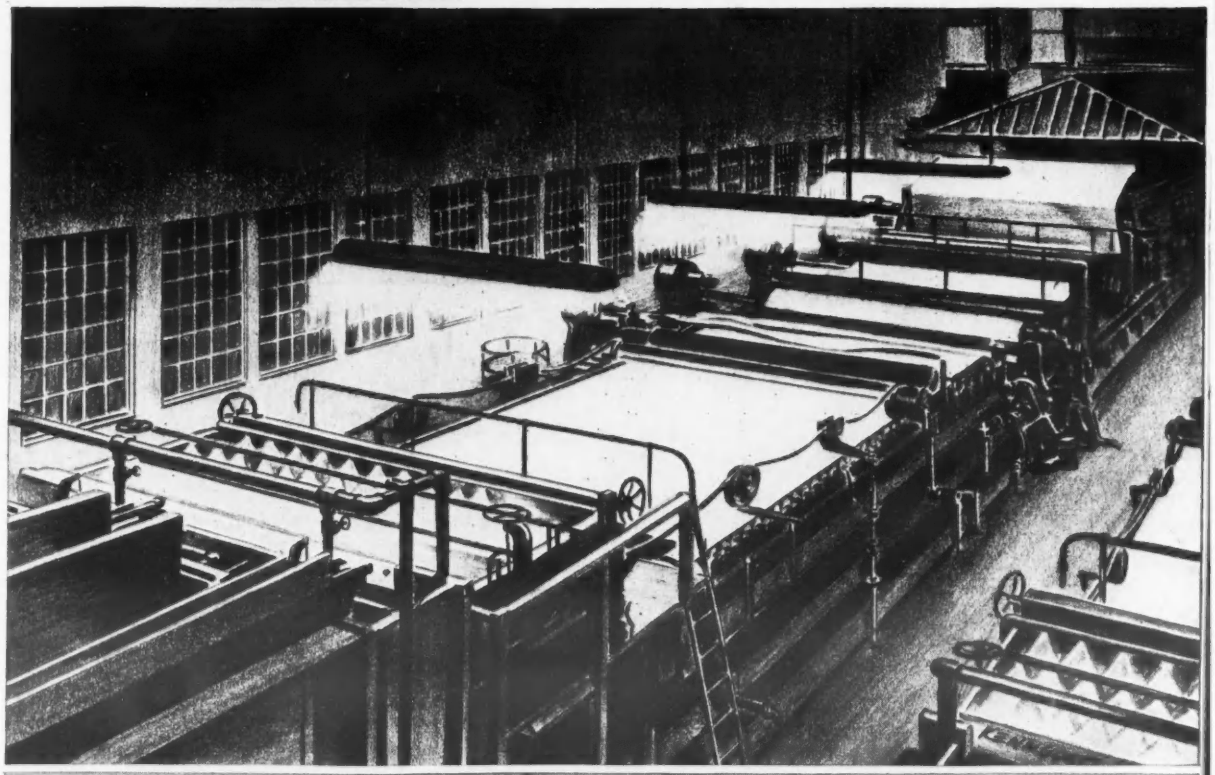
Silica, amorph., wet-grd., 95-97%, 400 mesh, bgs., c.l., works, ton.	30.00	- —
l.c.l., 2½ tons, works, ton.	35.00	- —
smaller lots, works..ton.	38.00	- —
96-98%, 325 mesh, bgs., c.l., works..ton.	20.00	- —
l.c.l., 2½ tons, works..ton.	21.50	- —
smaller lots, works, ton.	23.00	- —
99%, 325 mesh, bgs., c.l., works..ton.	22.00	- —
l.c.l., 2½ tons, works, ton.	25.50	- —
smaller lots.....ton.	27.00	- —
hard-quartz, 99½%, 325 mesh, bgs., c.l., works..ton.	13.50	- —
l.c.l., works.....ton.	18.50	- —
140 mesh, bgs., c.l., works, ton.	11.00	- —
l.c.l., works.....ton.	16.00	- —
Silver, bullion.....oz.	.34¾-	—
Govt. purchase, dom., metal, oz.	.7111-	—
Govt. purchase, foreign metal, oz.	.35	- —
Cyanide, cns., 2,500 ozs....oz.	No prices	
1,000 ozs.....oz.	No prices	
500 ozs.....oz.	No prices	
80 to 100 ozs.....oz.	No prices	
Nitrate, vls.....oz.	.26¾-	—
Nucleinate, bots., cns., 480-oz. lots..oz.	.30	- .31
Proteinate, bots., cns., 480-oz. lots..oz.	.29	- .30
Simarubra barks, bls.....lb.	.30	- .35
Skatol, bots.....lb.	75.00	-80.00
Skullcap, Eastern, bls.....lb.	.23	- .24
Western, bls.....lb.	.14	- .15
Skunk cabbage root, bls.....lb.	.11	- .12

"PRINTED IN U.S.A."

Suppose some one who lived forty or fifty years ago—say one of the founders of Mathieson—could pay us a visit today. And suppose we could have the pleasure of showing him the sights of 1940, of explaining the vast changes that have taken place since the turn of the century. What do you think would amaze the old gentleman most? If he were one of the pioneers who founded Mathieson, we believe he would be most interested in the revolutionary changes wrought by chemical progress and in the part his successors have played in building the present-day America. We would go about telling him the story as we tell it in this series of advertisements.

● Yes, Mr. M., more than 19,000 periodicals were published in the United States last year, and hundreds of thousands of advertising mailing pieces, catalogs, etc. were printed and issued. Millions of pages of information, entertainment, ideas and critiques—reflections of this nation's thoughts and hopes. All of this consumed over 4,000,000 tons of white paper. Add the millions of tons of Kraft paper now produced annually and you have some idea of the amazing progress that has been made in recent years by this country's great paper industry—progress as noteworthy in quality as in quantity.

Your successors here at Mathieson are proud of the fact that Mathieson Chemicals—liquid chlorine, caustic soda, soda ash, synthetic salt cake—have played and continue to play so important a part, from cooking liquor to finished bleached pulp, in the great American paper industry.



MATHIESON CHEMICALS

SODA ASH . . . CAUSTIC SODA . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER . . . HTH PRODUCTS . . . AMMONIA, ANHYDROUS and AQUA . . . FUSED ALKALI PRODUCTS . . . SYNTHETIC SALT CAKE . . . DRY ICE . . . CARBONIC GAS . . . ANALYTICAL SODIUM CHLORITE

THE MATHIESON ALKALI WORKS (INC.)
60 E. 42ND STREET, NEW YORK, N. Y.

Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .20 - .22
Smalt, black, extra velvet, cnts., lb. .06 - .08
Blue, cnts.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .13 - .14
crushed, bls., bbls.....lb. .17 - .18
cut, German, bls., bbls.....lb. no stocks
dom., bbls.....lb. .22 - .23
powd., bbls.....lb. .20 - .21
Soda, acetate, anhyd., dms., dlvd. lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd..lb. .04½- .05
powd., 90%, dms., c.l., dlvd., lb. .06 - —
l.c.l., dlvd.....lb. .06¾- —
Alginate, dms., bbls., works..lb. .71 - .96
Antimoniate, bbls., dlvd.....lb. .14½- .15
Arsenate, dms., dealers, c.l., works..lb. .07 - .08
l.c.l., dms., works.....lb. .07¾- .08¾
Arsenite, dry, gray, dms., c.l., dealers, works..lb. .06½- .07½
l.c.l., dms., works.....lb. .07¼- .09¼
white, dms., c.l., dealers, works..lb. .08 - .09
l.c.l., dms., works.....lb. .08¾- .10¾
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.15 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U. S. E. of Miss. river and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel; La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. East of 98° Meridian, Neb., E. of 98° Meridian; Tex., N of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 98° Meridian. Zone 4: El Paso, Tex.; Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyo.

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., fib., 4,000 lbs. or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd., N. Y.100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd., N.Y..100 lbs. 2.76 - —
Bichromate, spot, c.l., works, lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼- .13
Bisulphite, powd., bbls., c.l., bbls., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.65 - —
44 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
fiber dms., 100 lbs.....lb. .28 - —
Cacodylate, 1-kilo bots.....lb. 6.00 - —
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, 76% powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1.....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works, 100 lbs. 1.95 - —
70%, buyers, tanks, works.. 100 lbs. 1.97½- —
sellers' tanks, works, 100 lbs. 2.00 - —

Soda, caustic, solid, 76% ammon., process, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate, spot, c.l., works...lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08¾- —
smaller quantities.....lb. .08¾- —
Citrate, USP VIII, 225-lb. bbls., lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
USP XI, powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
Import, 90%, cs.....lb. No price

Soda, diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 20%, bbls., c.l., frt. alld..lb. .07 - —
l.c.l., 10 or over, same basis..lb. .07½- —
1-9, same basis.....lb. .08 - —
95%, bbls., c.l., same basis, lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
1-9, same basis.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots, lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, dms.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 to 1,000-lb. lots..lb. .20 - .22
Hypophosphite, N. F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd., 100 lbs., 2.25 - —
bbls., same basis...100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equal'd..100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60

Slate Flour—Soda Naphthion.

Soda, hyposulphite, pea, 2,500 to 5,000 lbs., bgs., works, 100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., works, 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., works..100 lbs. 3.70 - 3.95
bbls., works.....100 lbs. 3.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.49 - —
Iodide, jars.....lb. 2.42 - —
bots. .....lb. 2.53 - 2.59
Mandelate, dms., 100-lb. dms.lb. 3.25 - —
Metaniiate, kgs.....lb. .41 Nom.
Metasilicate, anhyd., dms., c.l., works, frt. equal'd..100 lbs. 3.75 - —
15 dms. and over, dlvd. N.Y..100 lbs. 4.65 - —
3-14 dms., same basis.. 100 lbs. 4.80 - —
1-2 dms., same basis.. 100 lbs. 5.05 - —
gran., bbls., c.l., works....lb. 2.35 - —
10 bbls. and over, dlvd., N.Y..lb. 3.10 - —
1-9 bbls., dlvd. N. Y....lb. 3.35 - —
Molybdate, kgs., works.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —

SODIUM SILICATE

COMMON NAME: Water Glass

FORMULA: Solutions—$Na_2O \cdot X(SiO_2)$ plus water.
Glass—$Na_2Si_2O_5$ approx.

PHYSICAL PROPERTIES: Sodium Silicate *Solutions* are clear or opalescent, viscous liquids with a strongly alkaline reaction. They are readily miscible with water in any proportion.
Sodium Silicate *Glass* is produced in greenish-colored, irregular flat lumps. When dissolved in water, it forms Sodium Silicate Solution.

GRADES OR STRENGTHS

SOLUTIONS Baumé	Wt. Ratio (Na_2O to SiO_2)	Appearance
*40°-42°	1:3.25	Opalescent
*41°-43°	1:3.25	Opalescent
38°	1:3.25	Opalescent
40°	1:2.84	Clear
47°	1:3.25	Clear
40°	1:3.25	Clear
38°	1:2.54	Clear
42°	1:2.54	Clear
38°	1:2.40	Clear
52°		

*Note: These two grades can be supplied in various ranges of viscosities.

GLASS
Approximate size—Irregular flat plates ½" to 4".

PACKING: Sodium Silicate *Solutions*
Steel drums, 55 gals., net wt.—626-695 lbs.
Tank cars, net wt.—40 tons (approx.)
Sodium Silicate *Glass*
In bulk

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SODIUM SILICATE

SHIPPING REGULATIONS: None.

PRINCIPAL USES: As an adhesive for fibreboard cartons, plywood, etc.; in paper making; manufacture of abrasive stones; cementing pipe insulation; impregnating porous stones to protect them against weathering; treating concrete; in the production of artificial stone; water-proofing walls; preparing cements for porcelain and china; in hydraulic and acid-proof mortars; fireproofing of wood and cotton; in calico printing and dyeing; for weighting silk and boiling cotton; in ore flotation; in refining petroleum, vegetable oils and fats; as a preservative for eggs; in soap to improve its detergent action; in drilling oil wells.

● While it has been known for centuries that natural soda and sand when fused together will react to form a glass, it was not until the sixteenth century that any written record showed that this soda glass is soluble in water.

It was not until the early years of the nineteenth century that a systematic study of the silicates was begun. This soon led to the discovery of their many valuable properties. Note was made of their suitability for forming resistant protective coatings on wood and other materials, of their adhesive properties, of their value in the textile industry for sizing and in dyeing operations, of their detergent action, and of their possibilities as fluxes in welding and soldering.

As a consequence of these observations, and of the numerous other uses for soluble silicates which have been developed since then, the silicate industry sprang into being and developed to its present importance.

For some time difficulties were encountered in obtaining uniform results in the use of silicates due to the fact that the early manufacturers were unable to control their processes to obtain uniform grades of products. These difficulties hampered the early development of the industry but have all been overcome with the growth of knowledge of precise scientific control in production.

Users of Sodium Silicate are now able to select from a variety of grades, each developed for a specific use.

General Chemical Company's sales offices will gladly furnish further information on the various grades of Sodium Silicate.

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PRODUCTS OF GENERAL CHEMICAL COMPANY

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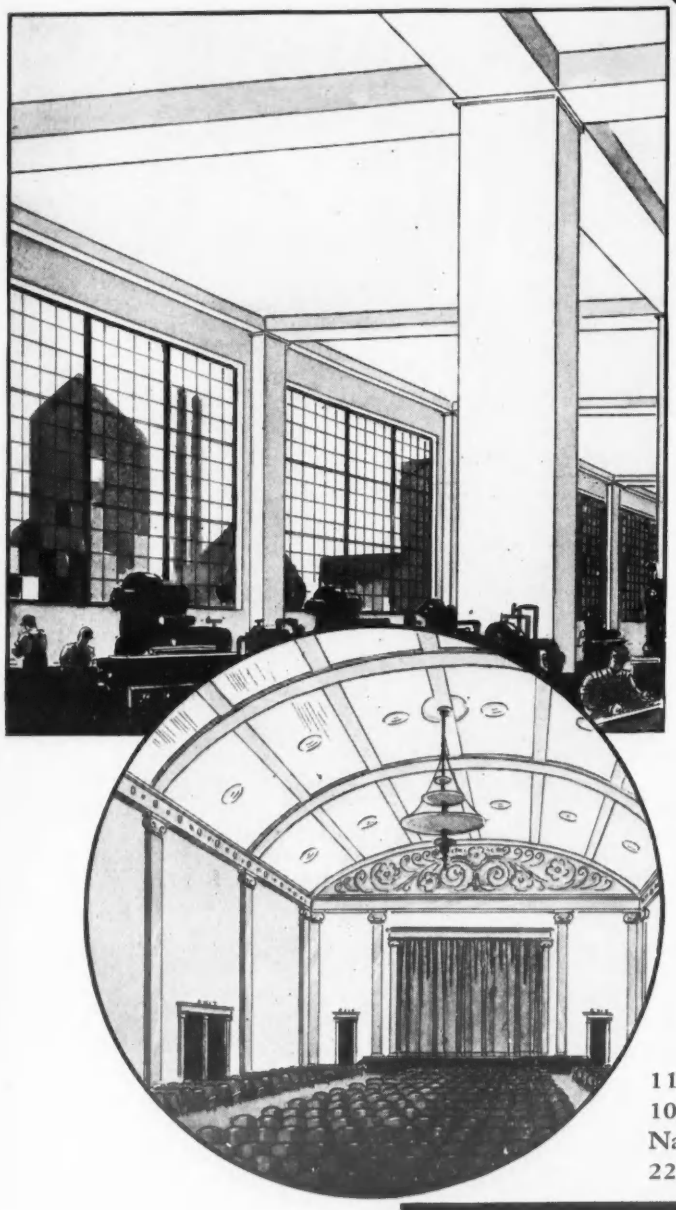
TITANOX-C

In a class by itself...

FOR FLAT WALL PAINTS



COMPETITION has produced no substitute for TITANOX-C (titanium calcium pigment) in the formulating of white and tinted flat wall paints. Other pigments for this purpose come and go, but the volume consumption of TITANOX-C increases constantly.

Offered as the *economy* pigment because of its low specific gravity and low volume cost with good initial color, color retention and high tinting strength, TITANOX-C is the most universally employed of all the titanium pigments for interior finishes. Paint manufacturers prefer it also because it contributes stability to finished paints, improves flow and leveling and imparts smoothness and uniformity to the paint film.

If you are not using TITANOX-C in your flat wall coatings, you are missing important advantages which your competitors enjoy.

Interior Finishes—The principal use and value of TITANOX-C is in all types of interior finishes where white pigments are employed. These include enamel undercoaters, wall primers and sealers, flat wall paints, interior semi-gloss and gloss paints, architectural and quick-drying enamels.

TITANIUM PIGMENT CORPORATION, *Sole Sales Agent*

111 Broadway, New York, N. Y.;
104 South Michigan Ave., Chicago, Ill.;
National Lead Co. (Pacific Coast Branch),
2240 24th Street, San Francisco, California.

Our Paint Service Department offers complete cooperation in technical problems relating to white pigments.

TITANOX
TRADE MARK

TITANOX
THE NEW WHEEL HORSE OF THE PAINT INDUSTRY
REG. U.S. PAT. OFF.

Soda, nitrate, crude, c.l., 100-lb. bgs., dlvd., f.o.b. cars producing point or ports, August, rail or boat shipment, ton. 20.00 - —
200 lb. bgs., same basis. ton. 28.30 - —
bulk, same basis. ton. 27.00 - —
refd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons. 100 lbs. 2.65 - —
smaller lots. 100 lbs. 2.90 - —
powd., bbls., 10 tons. 100 lbs. 5.50 - —
1-9 tons. 100 lbs. 5.65 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized, lb. .06¾- —
c.l., West Coast, f.o.b. ports. lb. .08 - —
l.c.l. lb. .08¼- .11¼
Soda nitrite l.c.l. price range represents delivery at various points.
Orthosilicate, flake, dms., c.l., works. 100 lbs. 3.00 - —
Oxalate, neut., bbls. lb. .09 - —
kgs. lb. .10 - .11
Perborate, N.F., bbls., c.l., works. lb. .14¾- —
l.c.l., works. lb. .15¼- —
Pentachlorphenate briquets, single bgs., works. lb. .26 - —
70 lbs., bgs., works. lb. .19½- —
490 lbs., bgs., works. lb. .17½- —
powd., 100 lbs., bgs., works, lb. .19 - —
500 lbs., bgs., works. lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works. 100 lbs. 5.15 - —
l.c.l., works. 100 lbs. 6.10 - —
bbls., c.l., works. 100 lbs. 5.35 - —
l.c.l., works. 100 lbs. 6.30 - —
cryst., tech., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l., works. 100 lbs. 2.50 - —
bbls., c.l., works. 100 lbs. 2.30 - —
l.c.l., works. 100 lbs. 2.70 - —
monobasic, anhyd., bgs., c.l., works. 100 lbs. 7.25 - —
l.c.l., works. 100 lbs. 8.00 - —
bbls., c.l., works. 100 lbs. 7.45 - —
l.c.l., works. 100 lbs. 8.20 - —
tribasic, bgs., c.l., works. lb. 2.25 - —
l.c.l., works. 100 lbs. 2.65 - —
bbls., c.l., works. 100 lbs. 2.45 - —
l.c.l., works. 100 lbs. 2.85 - —
kgs., c.l., works. 100 lbs. 2.95 - —
l.c.l., works. 100 lbs. 3.35 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works. lb. .11½- .14
Picramate, kgs. lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more. lb. .10½- —
contracts. lb. .09¼- —
smaller lots. lb. .10¾- —
contracts. lb. .09¾- —
Pyrophosphate, anhyd., bgs., c.l., works, frt. equal'd. 100 lbs. 5.10 - —
l.c.l., same basis. 100 lbs. 5.35 - 5.60
bbls., c.l., works, frt. equalized. 100 lbs. 5.30 - —
l.c.l., same basis. 100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls. lb. .12 - —
Sal., bgs., dlvd. N. Y. 100 lbs. 1.20 - —
works. 100 lbs. 1.00 - —
bbls., dlvd. N. Y. 100 lbs. 1.30 - —
works. 100 lbs. 1.10 - —
Salicylate, bxs. lb. .52 - —
Sesquicarbonate, bgs., c.l., works, 100 lbs. 1.50 - —
bbls., c.l., works. 100 lbs. 1.70 - —
bbls., l.c.l., Zone 1. 100 lbs. 2.70 - —
2. 100 lbs. 2.85 - —
3. 100 lbs. 3.10 - —
4. 100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.
Sesquisilicate, dms., c.l., works, 100 lbs. 2.90 - —
10 dms. or over, dlvd. N. Y. C. lb. 4.00 - —
1-9 dms. lb. 4.25 - —
Silicate, 40° turbid, dms., c.l., works. 100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works. 100 lbs. 1.20 - —
52°, dms., c.l., works. 100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works. 100 lbs. 1.80 - —
Silicofluoride, dom., bbls. lb. No prices
import, bbls. lb. .08½ Nom.
Stannate, dms. lb. No price
Stearate, lump, powd., bbls., works. lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works. 100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works. 100 lbs. 2.25 - —
l.c.l., 5 tons or over., dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works. 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
cryst., bgs., 100 lbs., works. lb. 2.10 - 2.35
bbls. 100 lbs. 2.30 - 2.55
Sulphite, powd., bbls., c.l., 100 lbs. 5.25 - —
l.c.l., 5 or more. 100 lbs. 5.50 - —
1 to 4. 100 lbs. 6.00 - —
Sulphocarbolate, cs. lb. .27 - .28
Sulphocyanide, dms., cns. lb. .28 - .47
Sulphydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works. lb. .05½- —
l.c.l., works. lb. .06 - —
single dm. lots, works. lb. .08 - —
tanks, works. lb. .04½- —
Sulphoricinoleate, bbls. lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate, CP, kgs. lb. No price
tech., kgs. lb. No prices
Solvent, naphtha, dms., wks. gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo. gal. .26 - —
High-flash, dms., works. gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
Sorbitol, com'l, dms., c.l., works, lb. .14¾- —
ton lots, contracts, works, lb. .15¼- —
smaller lots, works. lb. .15¾- —
Soybean protein, bgs., c.l., works, lb. .12 - —
l.c.l., works. lb. .12¼- .15
Sparteine sulphate, cns. oz. 1.50 - 1.60
Spearmint leaves, bls. lb. .28 - .29
Spikenard root, bls. lb. .18 - .20
Spruce extract, reg., bbls., c.l., works. lb. .01½- —
tanks, works. lb. .01½- —
powd., super, bgs., c.l., works, lb. .04 - —
super, bbls., c.l., works. lb. .01¾- —
tanks works. lb. .01½- —
Squawvine, leaves, bls. lb. .14 - .15
Squill, white, bls. lb. .30 - .35
powd., bbls., bxs. lb. .35 - .40
St. Ignatius beans, bgs. lb. .45 - .46
St. John's Bread, edible, bls., lb. .12 - .13
inedible, bls. lb. .09 - .10
Starch, corn, pearl, bgs., f.o.b. Chicago. 100 lbs. 2.90 - —
dlvd., N. Y. 100 lbs. 3.25 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 3.00 - —
dlvd., N. Y. 100 lbs. 3.35 - —
Potato, dom., bgs. lb. .06½- .07½
import, bgs. No price
Rice, bbls. lb. .07½- .08½
Sweetpotato, bgs. lb. .06¾- —
bbls. lb. .07 - —
Wheat, thick, boil, bgs. lb. .05¼- —
Starch, iodide, bots. lb. 1.87 - —
Staveacre, seed, bgs. lb. .32 - .33
Stearin, oleo, bbls. lb. .05½ Nom.
Stillingia root, bls. lb. .07½- .08
Stoneroot, bls. lb. .07½- .08
Storax, cs. lb. .60 - .65
Stramonium leaves, bls. lb. .25 - .30
Seeds, bgs. lb. .30 - .35
Strontium bromide, fib. dms. lb. .54 - .55
kgs., 150 lbs. lb. .52 - —
Carbonate, N.F., IV, 250-lb. bbls. lb. No prices
tech., 99-100%, precip., bbl., lb. No prices
Chloride, tech., bbls. lb. .20 - —
Iodide, bots., 5 lbs. lb. 3.06 - —
jars, 25 lbs. lb. 3.00 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over. lb. .08¼- —
1-24 bbls. and over. lb. .08¾- —
Strophanthus seed, Kombe, bgs. lb. 3.75 - 4.00
Styalyl acetate, bots. lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots. oz. .60 - —
Acetate, 25-oz. cns., 100-oz. lots. oz. .79 - —
Arsenate, 25-oz. cns., 100-oz. lots. oz. .82 - —
Arsenite, 25-oz. cns., 100-oz. lots. oz. .79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots. oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots. oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots. oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots. oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots. oz. .80 - —
Sulphate, cryst., cns., 100 oz. lots. oz. .59 - —
powd., cns., 100-oz. lots. oz. .40 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works. lb. .45 - —
tech., bbls., l.c.l., works. lb. .40 - —
Sugar coloring, bbls. gal. .75 - 1.46
Milk, bbls., c.l. lb. .16 - —
l.c.l., 10 or over. lb. .17 - —
less than 10. lb. .18 - —
Sulfanilamide, 5 lbs., bots. lb. 1.70 - —
fib. dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs. lb. 1.30 - —
25-lb. lots. lb. 1.45 - —
Sulfapyridine, powd., for hospitals, 5-grain bots. bot. 1.25 - —
Sulphonethylmethane, kgs. lb. 6.75 - 6.80
Sulphonmethane, kgs. lb. 5.25 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts. long ton. 16.00 - —
f.o.b. steamers, Gulf ports, contract. long ton. 17.50 - —
flowers, bgs., c.l., works. 100 lbs. 3.00 - —
bbls., works. 100 lbs. 3.35 - —
l.c.l., bgs., works. 100 lbs. 3.35 - 3.75
bbls., works. 100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works. 100 lbs. 2.30 - —
l.c.l., bgs., works. 100 lbs. 2.50 - 2.90
bbls., works. 100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., wks., 100 lbs. 1.60 - —
bbls., c.l., works. 100 lbs. 1.95 - —
l.c.l., bgs., works. 100 lbs. 1.95 - 1.98
bbls., works. 100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.35 - —
bbls., works. 100 lbs. 3.20 - —
l.c.l., bgs., works. 100 lbs. 3.20 - 3.60
bbls., works. 100 lbs. 3.55 - 3.95
heavy, bgs., c.l., works. 100 lbs. 2.55 - —
bbls., works. 100 lbs. 2.90 - —
l.c.l., bgs., works. 100 lbs. 2.90 - 3.30
bbls., works. 100 lbs. 3.25 - 3.65
light, bgs., c.l., works. 100 lbs. 2.65 - —
bbls., works. 100 lbs. 3.00 - —
l.c.l., bgs., works. 100 lbs. 3.00 - 3.40
bbls., works. 100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works. 100 lbs. 2.50 - 2.90
roll, bgs., c.l. 100 lbs. 2.35 - —
bbls., works. 100 lbs. 2.50 - —
l.c.l., bgs., works. 100 lbs. 2.75 - 3.10
bbls., works. 100 lbs. 2.85 - 3.25
rubber maker's, com'l, 99%, c.l., frt. alld. 100 lbs. 2.00 - —
bbls., same basis, c.l., 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld. 100 lbs. 2.35 - —
bbls., same basis. 100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l. lb. .03 - —
l.c.l., dms., works. lb. .04 - —
10-gal. dms., c.l. lb. .07 - —
l.c.l. lb. .08 - —
Dioxide, liq., com'l, cyls., works. lb. .07 - .09
multi-unit, cars, works. lb. .04½- .07
tanks, works. lb. .04 - .06
refrigeration, cyls., works. lb. .16 - .40
multi-unit cars, works. lb. .07½- .10
Iodide, bots., jars. lb. 3.90 - 4.05
Precipitated, USP, bbls. lb. .17 - .22
Sumac, grd., Sicilian, f.a.s. ton. No price
leaf, f.a.s. ton. No prices
Extract, 42°, bbls. lb. .06 - .06¼
51°, bbls. lb. .07 - .07¼
stainless, bbls. lb. .09 - .11
Berries, bgs. lb. .14 - .15
Sunflower seed, Calif., large, bgs., lb. .07 - .07½
medium, bgs. lb. .06 - .06½
poultry, bgs. lb. .05 - .05½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto., ton. 8.50 - —
run-of-pile, basis 16%, bulk, same basis. ton. 8.00 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto. unit-ton. .68 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills. ton. 20.00 - —
2, bgs., c.l., mills. ton. 17.00 - —
N. Y., fibrous, 98-94%, 325 mesh, bgs., c.l., mills, ton. 14.00 -16.00
l.c.l., mills. ton. 16.00 -1800
96-98%, 325 mesh, c.l., mills. ton. 15.00 -17.00
l.c.l., mills. ton. 17.00 -19.00
98-99½%, 325 mesh, bgs., c.l., mills. ton. 15.25 -17.25
l.c.l., mills. ton. 17.25 -19.25
Talc, dom., N. Y., fibrous, 99.85-99.95%, 325 mesh, bgs., c.l., mills. ton. 17.00 -19.00
coarse, off color, bgs., c.l., mills. ton. 11.00 -15.00
Ohio, flake, type, grd., bgs., c.l., mills. ton. 21.00 - —
l.c.l., mills. ton. 24.50 - —
Vermont, bgs., c.l., mills ton. 14.00 - —
l.c.l., ex whse. ton. 25.00 - —
Canad., bgs., c.l., mills. ton. No prices
French, high-grade, bgs., l.c.l., ex whse. ton. No prices
ordinary, bgs., c.l., ex dock, arrival. ton. No prices
l.c.l. ex whse. ton. No prices
Italian, 1, bgs., ex dock, arrival, ton. No prices
ex whse. ton. No prices
2, bgs., ex dock, arrival. ton. No prices
Tallow, animal, edible. lb. .04¾ Nom.
extra, loose. lb. .03½- —
special, loose. lb. .03⅝- —
sulphonated, 35% (24% fat), dms., c.l. lb. .03¾- —
l.c.l. lb. .04¾- —
50% (43% fat), dms., c.l., lb. .05½- —
l.c.l. lb. .06¼- —
50% (48% fat), dms., c.l. lb. .05¾- —
l.c.l. lb. .06¾- —
Tamarind, No. 1, bbls. lb. .06 - .07
Kegs keg. 6.00 - 8.00
Tankage, fertilizer, animal, dom., grd., 9% ammon., 10% b.p.l., bulk, basis N.Y. unit-ton. 2.25 & .10
10-11% ammon., 15% b.p.l., bulk, basis Chi. unit-ton. 2.25 & .10
feeding, unground, 9-11% ammon., 15-20% b.p.l., bulk, basis N.Y. unit-ton. 2.25 & .10
high-grade, bulk, Chicago, unit-ton. 2.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, Aug. shipt. 2.40 & .10
Tansy leaves, bls. lb. .22 - .23
Tapioca flour, bgs. lb. .03 - .05
Tar acid oil, 15%, dms., c.l., works. gal. .22 - —
l.c.l., same basis. gal. .24 - —
25%, dms., c.l., works. gal. .25 - —
l.c.l., same basis. gal. .27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities. gal. .27 - —
ports. gal. .26 - —
l.c.l. gal. .27 - —
tanks, dlvd. E. cities. gal. .21 - —
Tarragon herb, bgs. lb. .65 - .70
Tartar emetic, tech., fine gran., bbls., 5 or more. lb. .34¾ Nom.
less than 5. lb. .35 Nom.
powd., bbls., 5 or more. lb. .34¾ Nom.
less than 5. lb. .35 Nom.
USP, powd., bbls. lb. .40 Nom.
Terebene, cans. lb. .75 - .85
Terpinyl acetate, cns. lb. .82 - .85
Terpin hydrate, bgs. lb. .60 - .65
Terpineol, CP, cns. lb. .28 - —
dms. lb. .25 - —
alpha, denat. grade, dms., c.l., wks., net wgt. lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks lb. .08 - .08½
Tetrachloroethylene, CP, dms. lb. .21½- —
tech. (see Perchloroethylene).
Tetralin, dms. lb. .18 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works. lb. 5.00 - 7.00
Theobromine, dms. lb. 2.90 - 3.00
Sodiosalicylate, cns. lb. 2.15 Nom.
dms. lb. 1.95 Nom.
5-lb. bots. lb. 2.31 - 2.36
Thiocarbanilide, dms. lb. .24 - —
Thorium, nitrate, cs., works. lb. 2.00 - —
Thyme, French, bls. lb. .29 - .30
Thymol, dms., 100 lbs. lb. 1.50 - —
cns. 25 lbs. lb. 1.55 - 1.60
Iodide, kgs., 50 lbs. lb. 3.40 - —
25 lbs. lb. 3.50 - —
Timbo, root, powd., 4% rotenone, bbls. lb. .18 - .24
5% rotenone, bbls. lb. .22 - .30
Thiamine hydrochloride, cns. gram. 1.40 - 1.55
Tin chloride (ous), anhyd. lb. .47½- .48
Crystals, bbls., kgs. lb. .38½- .39
Metal, Straits. lb. .50¾- —
Oxide, bbls. lb. .55 - —
Tetrachloride, anhyd., bbls. lb. .25 - —
Titanium, dioxide, bgs., c.l., (20 tons), frt. pd. lb. .13 - —
l.c.l., 5 tons, E. frt. pd. lb. .13¼- —
Pac. Cst., ex whse. lb. .13¼- —
1,000-9,999 lbs., E. frt. pd. lb. .13¼- —
Pac. Cst., ex whse. lb. .13½- —
50-999 lbs., E. frt. pd. lb. .13¾- —
Pac. Cst., ex whse. lb. .13¾- —
under 50 lbs., E. frt. pd. lb. .16 - —
Pac. Cst., ex whse. lb. .16 - —
bbls., c.l. (20 tons), frt. pd. lb. .13¼- —
l.c.l., 5 tons, E. frt. pd. lb. .13½- —
Pac. Cst., ex whse. lb. .13½- —
1,000-9,999 lbs., E. frt. pd., lb. .13¾- —
Pac. Cst., ex whse. lb. .13¾- —
50-999 lbs., E. frt. pd. lb. .14 - —
Pac. Cst., ex whse. lb. .14 - —
chalk resistant, bgs., c.l., (20 tons), frt. pd. lb. .15 - —
l.c.l., 5 tons, frt. pd. lb. .15¼- —
1,000-9,999 lbs., frt. pd. lb. .15½- —
50-999 lbs., frt. pd. lb. .15¾- —
Under 50 lbs., frt. pd. lb. .18 - —
bbls., c.l., (20 tons), frt. pd. lb. .15¼- —
l.c.l., 5 tons, E. frt. pd. lb. .15¼- —
Pac. Cst., ex whse. lb. .15½- —
1,000-9,999 lbs., E. frt. pd. lb. .15¾- —
Pac. Cst., ex whse. lb. .15¾- —
50-999 lbs., E. frt. pd. lb. .16 - —
Pac. Cst., ex whse. lb. .16 - —
high-hiding, bgs., c.l. (20 tons), frt. pd. lb. .14 - —
l.c.l., 5 tons, frt. pd. lb. .14¼- —
1,000-9,999 lbs., frt. pd. lb. .14½- —
50-999 lb., frt. pd. lb. .14¾- —
bbls., c.l. (20 tons), frt. pd. lb. .14¼- —
l.c.l., 5 tons, E., frt. pd. lb. .14½- —
Pac. Cst., ex whse. lb. .14½- —
1,000-9,999 lbs., E. frt. pd. lb. .14¾- —
Pac. Cst., ex whse. lb. .14¾- —
50-999 lbs., E. frt. pd. lb. .15 - —
Pac. Cst., ex whse. lb. .15 - —
barium or magnesium base, bgs., c.l., D. frt. alld. lb. .05¼- —
l.c.l., dlvd. lb. .05½- —
Pac. Cst., ex whse. lb. .05½- —
under 50 lbs., E. dlvd. lb. .06¼- —
bbls., c.l., D., frt. alld. lb. .05½- —
l.c.l., E., dlvd. lb. .05¾- —
Pac. Cst., ex whse. lb. .05¾- —
under 50 lbs., E. dlvd. lb. .06½- —
Titanium, calcium base, bgs., c.l., D. frt. lld. lb. .05 - —
l.c.l., dlvd. lb. .05¼- —
Pac. Cst., ex whse. lb. .05¼- —
under 50 lbs., E. dlvd. lb. .06 - —
bbls., c.l., D., frt. alld. lb. .05¼- —
l.c.l., E., dlvd. lb. .05½- —
Pac. Cst., ex whse. lb. .05½- —
under 50 lbs., E. dlvd. lb. .06¼- —
Tolidin base, distilled, kgs. lb. .90 - —
Tolu, balsam, cns. lb. 1.60 - 1.70
Toluidin, mixed, dms. lb. .26 - —
Toluol (toluene), 2° indus., dms., returnable. gal. .32 - —
tanks, E. of Omaha, frt. alld., gal. .27 - —
tanks, W. Coast, f.o.b. Minnequa, Colo. gal. .27 - —
1° nitration, dms., returnable, gal. .33½- —
tanks, E. of Omaha, frt. alld., gal. .28½- —
W. Coast, f.o.b. Minnequa, Colo. gal. .28½- —
Tonga vine, F, bls. lb. .65 - .70
root, bls. lb. .65 - .70
Tonka beans, Angostura, cks. lb. 2.40 - 2.50
Brazilian, Surinam, cs. lb. .80 - .90
Triacetin, dms. lb. .26 - —
Triamyl borate, dms., l.c.l., works, lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works. lb. .78 - .80
tanks lb. .75 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. lb. .69 - .70
tanks lb. .65 - —
Tributyl citrate, ton lots, 475 lb. dms. lb. .24 - —
smaller lots. lb. .26 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works. lb. .46 - .48
Trichlorobenzene, dms., c.l., frt. alld. lb. .07 - —
l.c.l., same basis. lb. .07½- —
tanks lb. .06½- —
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1. lb. .08 - —
l.c.l., same basis. lb. .08½- —
Zone 2, dms., c.l., works, frt. alld. lb. .08½- —
l.c.l., same basis. lb. .09 - —
Zone 3, dms., c.l., works, frt. alld. lb. .09 - —
l.c.l., same basis. lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points. lb. .09 - —
l.c.l., same basis. lb. .09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd. lb. .40½- .51½
dms., c.l., dlvd. lb. .34½- —
tech., dms., c.l. lb. .22 - —
500 lbs., dms. lb. .22½- —
less than 500 lbs. lb. .25½- .36¼
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works. lb. .20 - —
tanks, works. lb. .18 - —
Triethylamine, dms., l.c.l., works, lb. 1.05 - —
Triethyl citrate, ton lots, 500 lb. dms. lb. .24 - —
smaller lots. lb. .26 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works. lb. .26 - —
Trimethyl phosphate, cns. lb. .54 - .58
dms., dlvd. lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. lb. 1.05 - —
Triphenyl phosphate, dms. lb. .38 - —
Tripoli, air-floated, bgs., c.l., works. ton. 26.00 - —
double grd., bgs., c.l., works ton. 16.00 - —
once-grd., bgs., c.l., works. ton. 14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 99%, dms., works. lb. No prices
Oxide, CP, kgs. lb. No prices
Chem., grade, kgs. lb. No prices
Turmeric root, Alleppey, bgs. lb. .07½- .08
Madras, bgs. lb. .07¾- .08¼
Turpentine, spirits, gum, bbls., c.l. ex dock. gal. .35¼- —
l.c.l., 10 ex dock. gal. .37¼- —
5 ex dock. gal. .39¼- —
wood dest., dist., dms., c.l., dlvd. E. ports. gal. .26 - —
l.c.l. gal. .28 - —
tanks, dlvd. E. cities. gal. .21 - —
steam-dist., dms., c.l., dlvd. gal. .27 - —
l.c.l., dlvd. gal. .30 - —
tanks, dlvd. gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs. lb. 2.65 - 3.05
yellow, kgs. lb. 1.75 - 2.00
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Searsport, Me., Norfolk, Wilmington, N.C., Charleston, Savannah, Jacksonville, Tampa, Pensacola, Mobile, Gulfport, New Orleans. ton. 85.00 - —
5 tons, f.o.b. Baltimore, Boston, New York, Newark, Philadelphia, Wilmington, Del. ton. 85.00 - —
less than 5 tons, f.o.b. Newark, New York, Philadelphia. ton. 91.00 - —
any quantity, f.o.b. Belle, W. Va. ton. 85.00 - —
Import, 40% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt. ton. No price
40% N., bgs., smaller lots, f.o.b. N. Y. from whse. ton. No prices
pure, cs. lb. .12 - —
Urea-ammonia, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl., Gulf ports ton. 57.40 - —
bags, same basis. ton. 59.40 - —

Urea-Ammo.—Yellow, Ocher

Urea-ammonia, basis 45% N., tanks, f.o.b. Belle, W. Va., or Atl. Gulf ports..ton.121.58 - —
basis 37% N (insoluble), f.o.b. Belle, W. Va., or Atl. Gulf ports.....ton.127.00 - —
Uva ursi leaves, bls.....lb. .12 - .14

V

Valerian root, bls.....lb. .80 - .85
Valonia, beards, bgs., f.a.s...ton.56.00 - —
cups, bgs., f.a.s.....ton.42.00 -44.00
Vanadium pentoxide, C.P., bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. 7.00 - 7.50
Mexican, tins.....lb. 7.25 - 7.50
cuts, tins.....lb. 7.00 - 7.25
South American, tins.....lb. 7.00 - 7.25
oleoresin, bots.....lb.18.00 -19.00
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs....lb. .70 - .75
Verdigris, bbls., kgs.....lb. .22 - .28
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs. gross, works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.n.).

W

Wahoo bark, bls.....lb. .45 - .46
tree .....lb. .19 - .22
Wattle bark, bgs., f.a.s.....ton.37.50 -39.50
Extract, solid, bgs.....lb. .03¾- —
Wax, bayberry, import, bxs...lb. .22 - .26
Bees, white, bleach, slabs, cs., 1 to 5 case lots..lb. .35 - —
cakes, 1 to 5 cs. lots...lb. .36 - —
discs, 1 to 5 cs. lots lb. .37 - —
yellow, crude, Africa, 10-bg. lots..lb. .23 - .23½
1 bg.....lb. .23½- .24
Brazil, bgs, 5-ton lots..lb. .24 - .24½
1 ton.....lb. .24½- .25
500 lbs.....lb. .25 - .25½
100 lbs.....lb. .25½- .26
refd., slabs, cs., lbs.....lb. .29 - .31
Candelilla, bgs., 1 ton.....lb. .18½- .19
jobbing lots.....lb. .19 - .19½
Carnauba, No. 3 chalky, bgs 1 ton..lb. .46 - .47
5 bgs.....lb. .46½- .47½
1 bg.....lb. .47 - .48
N. C., 2 bgs., 1 ton.....lb. .55 - .56
Wax, carnauba, N. C., 3 bgs., 1 ton..lb. .47 - .48
5 bgs.....lb. .47½- .48½
1 bg.....lb. .48 - .49
refined, bgs.....lb. .55 - .56
yellow, No. 1, bgs., 1 ton..lb. .62 - .63
5 bgs.....lb. .62½- .63½
1 bg.....lb. .63 - .64
No. 2, bgs.....lb. .61 - .62
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton..lb. .11½- .12
jobbing lots.....lb. .12½- .13
150°-160° m.p., bgs., 1 ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
160° m.p., bgs., 1 ton.....lb. .13½- .14
jobbings lots .....lb. .14½- .15
Japan, cs.....lb. .15½- .16
Montan, bgs., c.l.....lb. No prices
5 tons.....lb. No prices
less than 1 ton.....lb. No prices
Ozokerite, hard, green congeal, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb. No prices
74°-76° C., bgs.....lb. No prices
Snow-white, pure, 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .22 - .23
cakes, cs.....lb. .23 - .24
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .07 - .08
White precipitate, powd., dms., 50 lbs. or more..lb. 2.74 - —
Whiting, chalk, com'l., dry-grd., blp., bgs., c.l., works..ton.16.00 -20.00
l.c.l., works.....ton.18.00 -22.00
bbls., c.l., works.....ton.19.00 -24.00
l.c.l., works.....ton.21.00 -26.00
pap, bgs., c.l., works....ton.15.00 -18.00
l.c.l., works.....ton.17.00 -20.00
Whiting, chalk, com'l, wet-grnd., blp., bgs., c.l., works..ton.18.50 -22.50
l.c.l., works.....ton.19.00 -23.00
bbls., c.l., works.....ton.21.00 -25.00
gilder's bolted, blp., bgs., c.l., works..ton.18.00 - —
l.c.l., works.....ton.19.00 - —
bbls., c.l., works...ton.20.00 -21.00
l.c.l., works.....ton.21.00 -22.00
pap, bgs., c.l., works.ton.17.00 -18.50
l.c.l., works.....ton.18.00 -19.00
paris white, blp., bgs., c.l. works..ton.19.00 - —
l.c.l., works.....ton.20.00 - —
bbls., c.l., works.....ton.22.50 -27.50
l.c.l., works.....ton.22.00 -28.00
pap. bags, c.l., works..ton.19.60 -25.10
l.c.l., works.....ton.20.00 -26.50
limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l. ton. 9.65 - —
200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90%, 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 820 tons, works, ton.12.50 - —
4-8 tons, works...ton.13.50 - —
2-4 tons, works...ton.14.50 - —
extra bgs. (extra), c.l., works, ton.12.50 - —
8-20 tons, works.....ton.13.50 - —
4-8 tons, works.....ton.14.50 - —
2-4 tons, works.....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works...ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls.....lb. .05 - .06
thin, natural, bls.....lb. .07 - .08
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bls.....lb. .13 - .14
Witch-hazel extract, dist., NF, tax extra, bbls..gal. .40 - .45
leaves, bls.....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., 60 mesh, bgs., c.l., f.o.b. N. Y...ton.24.00 -25.00
80 mesh, same basis.....ton.26.00 -28.00
100 mesh, same basis.....ton.30.00 -32.00
import, 70 mesh, bgs., ex dock, ton. No prices
80 mesh, bgs., ex dock....ton. No prices
100 mesh, bgs., ex dock...ton. No prices
120 mesh, bgs., ex dock...ton. No prices
Wormseed, American, bgs.....lb. .07 - .08
Levant, bgs.....lb. 5.00 - 6.00
Wormwood, bls.....lb. .23 - .25

X

Xylol (xylene), indus., dms., returnable, works..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
10°, dms., returnable, works.gal. .34 - —
tanks, E. of Omaha, frt. alld. gal. .29 - —
5°, dms., returnable, works.gal. .41 - —
tanks, E. of Omaha, frt. alld..gal. .39 - —
3°, dms., returnable, works.gal. .48 - —
tanks, E. of Omaha, frt. alld..gal. .46 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.55
Yellow, arsenic sulphide, dom., bbls., f.o.b. New York..lb. .55 - —
bottles, same basis.....lb. .60 - .64
imp., bbl., same basis....lb. .55 - —
Cadmium, CP, import., bxs..lb. 1.35 - 1.40
lithopone, all shades, bbls., 1 ton, works.. frt. alld..lb. .50 - —
smaller lots ,same basis..lb. .55 - —
kgs., ton lots, same basis, lb. .55 - —
smaller lots, same basis, lb. .60 - —
Sulphide, orange, bbls., works, lb. .75 - —
Chrome, CP., bbls., dlvd., N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul contracts .....lb. .13½- —
open order.....lb. .14½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .05¾- —
yellow A, bbls., works.....lb. .02½- —
yellow A, bbls., works.....lb. .02¼- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01⅝- —
French, all shades, cks., c.l., ex dock, Balto., Boston, N. Orleans for import.lb. .02475 Nom.
New York (f.o.b.)..lb. .02⅝ Nom.
Philadelphia for import..lb. .02¾ Nom.
ex dock San Pedro, San Francisco..lb. .0290 Nom.
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575 Nom.
New York.....lb. .02¾ Nom.
Phila., for import...lb. .02¾ Nom.
Portland, Seattle....lb. .03½ Nom.
San Pedro, S. Francisco..lb. .03 Nom.

The AMERICAN HOME 10¢
LIFE
Better Homes & Gardens
THE SATURDAY EVENING POST
TIME
FOR ALMOST A HUNDRED YEARS GOOD PAINT HAS PRESERVED ITS BEAUTY
9 OUT OF 10
PAINTING CONTRACTORS
USED GUM TURPENTINE
WHEN PAINTING THEIR OWN HOMES
THIS MAN MIGHT SELL YOU NEW HOMES FOR OLD
PAINT NOW and SAVE
Specify GUM TURPENTINE
25¢ GUM TURPENTINE

PAINT NOW-AND SAVE CAMPAIGN

FULL pages in leading National magazines are urging the Home Owners and Business Men of America to PAINT NOW AND SAVE—Specify Gum Turpentine for every paint job. As a result, you are selling more paint. Because millions of Home Owners are learning of the superior qualities of Gum Turpentine, you will find it easier to sell paint made with Pure Gum Spirits of Turpentine. Painting Contractors prefer paint formulated with Gum Turpentine.

AMERICAN TURPENTINE FARMERS ASSOCIATION COOPERATIVE
General Offices, Valdosta, Georgia

APPROVED BY AMERICAN TURPENTINE FARMERS ASSOCIATION COOPERATIVE — AT-FA Approved — PROCESSED

The Nationally advertised AT-FA Seal of Approval appears only on the canned product of packers who have been licensed and approved by the American Turpentine Farmers Association Cooperative. This Seal is your assurance of the genuine, pure, dehydrated Gum Turpentine.

Yellow, ocher, French, all shades, cks., l.c.l., ex whse., Balto, Boston, N. Orleans..lb. .02725 Nom.
ex whse., Indianapolis, Kan. City, Milwaukee, St. Louis..lb. .03½ Nom.
New York.....lb. .03 Nom.
Pittsburgh .....lb. .03¼ Nom.
Portland, Seattle....lb. .03⅝ Nom.
San Pedro, S. Francisco..lb. .03¼ Nom.
f.o b. N. Y., from dock, lb. .02⅞ Nom.
from whse.....lb. .03½ Nom.
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works....lb. .06½- —
l.c.l. same basis.....lb. .06¾- —
Persian orange (See O).
Yellow, zinc, bbls., same basis, chrome CP, contracts, lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, dom., bls....lb. .17 - .18
Yellow root (xanthoriza), bls..lb. .11 - .12
Yerba santa leaves, bls.....lb. .09 - .10
Yohimbine hydrochloride, via..oz. 2.85 - 4.00

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc acetate, tech., bbls., dlvd., lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bags.....lb. .12½- —
Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 96 lbs. or over.
Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls...lb. .32½- —
25 lb. dms.....lb. .37½- —
kgs.....lb. .34½- —
Chloride, tech., fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
USP, 200-lb. dms.....lb. .26 - —
25-lb. jars.....lb. .31 - —
solution, 50%, dms., c.l., works..lb. .0290- —
l.c.l., works.....lb. .04 - .04½
tanks, works.....lb. .0225- —
Cyanide, kgs., works.....lb. .33 - —
Dust, bbls., c.l., dlvd.....lb. .08½- —
l.c.l., bbls., dlvd.....lb. .09 - —
Iodide, N.F., bots.....lb. 4.35 - —
jars.....lb. 4.20 - —
Fluoride, bbls.....lb. .20 - .35
Metal (see daily quotations in Market report).
Oxide, pigment, dom., Amer., process, coml., lead fr., bgs., c.l., dlvd..lb. .06¼- .07⅛
l.c.l., dlvd., except Pac. cst..lb. .06½- .07⅝
bgs., l.c.l., ex whse., Pac. cst..lb. .06½- .07⅝
bbls., c.l., dlvd....lb. .06½- .07⅝
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst.lb. .06¾- .08
5%, bgs., c.l., dlvd.....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst.lb. .06⅜- —
bbls., l.c.l., dlvd...lb. .06⅜- —
l.c.l., dlvd., except Pac. cst..lb. .06⅜- —
ex whse., Pac. cst.lb. .06⅜- —
35%, c.l., dlvd..lb. .06 - —
bbls., l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
35%, bbls., c.l., dlvd....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
bgs., l.c.l., ex whse., Pac. cst..lb. .06½- —
50%, bgs., c.l., dlvd., except Pac. Coast..lb. .0606- —
dlvd., Pac. cst..lb. .0612- —
l.c.l., dlvd., except Pac. cst..lb. .0631- —
bgs., ex whse., Pac. cst..lb. .0637- —
bbls., c.l., dlvd...lb. .0637- —
l.c.l., ex whse., Pac. Cst. lb. .0662- —
French process, com'l, lead free, bgs., c.l., dlvd..lb. .06¼- .07⅛
l.c.l., dlvd., except Pac. cst..lb. .06½- .07⅝
ex whse., Pac. cst.lb. .06½- .07⅝
bbls., c.l., dlvd.....lb. .06½- .07⅝
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst., lb. .06¾- .08

Zinc oxide, French process, green seal, bgs., c.l., dlvd..
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst.lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst.lb. .08½- —
red seal, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst.lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst.lb. .08 - —
white seal, bgs., c.l., dlvd. lb. .08½- —
l.c.l., dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst.lb. .08¾- —
bbls., c.l., dlvd.....lb. .08¾- —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst.lb. .09 - —
imported, gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12½
USP, bbls., c.l.....lb. .09½- —
Palmitate, bbls.....lb. .24½- .27½
Resinate, fused, pale, bbls..lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .22 - —
l.c.l., 1 ton.....lb. .23 - —
1,000-2,000, lbs.....lb. .24 - —
less than 1,000 lbs...lb. .25 - —
USP, bbls.....lb. .23 - .26

Zinc, sulphate, cryst., bgs., c.l., 100 lbs. 2.90 - —
l.c.l. .....100 lbs. 3.65 - —
bbls., c.l.....100 lbs. 3.05 - —
l.c.l. .....100 lbs. 3.80 - —
flake, bgs., c.l.....100 lbs. 3.25 - —
l.c.l. .....100 lbs. 4.00 - —
bbls., c.l.....100 lbs. 3.40 - —
l.c.l. .....100 lbs. 4.15 - —
powd., bgs., c.l.....100 lbs. 4.55 - —
l.c.l. .....100 lbs. 5.30 - —
bbls., c.l.....100 lbs. 4.70 - —
l.c.l. .....100 lbs. 5.45 - —
Sulphide, bgs., c.l., (20 tons), dlvd..lb. .07½- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .07⅝- —
bbls., c.l., 20 bbls., c.l., (20 tons), dlvd....lb. .07⅞- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .08 - —
barium, pigment, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .05½- —
calcium pigment, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .05½- —
magnesium, pigment, bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .05½- —
Sulphocarbolate, NF, bbls...lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 5.50 - —

Yellow, Ocher—Zirconium

Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex whse., Pac. cst..lb. .05½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 98%, grd., kgs., works, lb. 1.80 - 2.00

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the Aug. 5 issue; the next printing will be in the Sept. 2 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials market which begins on page 39.

Fats and Oils Sulphonation Statistics Are Released

There were sixty-five establishments reporting fats and oils subjected to sulphonation during the quarter ended June 30, according to the Bureau of Census. The following tabular statement gives a summary of the report and a comparison with the second quarter of 1939.

Animal

	Pounds 1939	Pounds 1940
Tallow	1,582,087	1,368,188
Neatsfoot oil	346,917	373,856
Cod oil	1,962,138	1,567,628
Sperm oil	560,272	692,412
Red oil	373,813	420,727
Miscellaneous	69,937	172,525
Total	4,896,064	4,595,336

Vegetable

	Pounds 1939	Pounds 1940
Coconut oil	116,915	107,758
Corn oil	126,448	179,640
Olive oil	340,531	652,460
Castor oil	2,997,064	2,719,597
Teaseed oil	1,345,831	345,900
Miscellaneous	181,012	796,721
Total	5,107,801	4,802,076

INDEPENDENT AND HELPFUL

Important to Can Buyers

Nothing is more interesting to can buyers than a source of supply that makes strong, leak-proof, handsomely decorated containers available at a fair price.

The demand for such a service is greater than ever before. Perhaps that is why users in ever increasing number are coming to Crown for the solution of their problems, recognizing that in Crown's ultra-modern plants quality control is given new emphasis.

CROWN CAN COMPANY, PHILADELPHIA, PA.
Division of Crown Cork and Seal Company
BALTIMORE ST. LOUIS HOUSTON MADISON ORLANDO
FORT WAYNE NEBRASKA CITY

CROWN CAN

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison.

Published every Monday by Oil, Paint and Drug Publishing Company, Inc. Harry J. Schnell, President and Treasurer; Frank V. Baldwin, Vice-President; Daniel G. Bogert, Secretary. Address 59 John Street, New York, New York. U. S. A. Telephone REctor 2-9820. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, the New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers' Journal, the Oil and Paint Review and International Petroleum Reporter.

Subscription rates including postage in the United States, possessions and territories, one year, $5.00; two years, $8.00; Canada and Newfoundland, one year, $7.00; two years, $12.00; other foreign countries, one year, $10.00; two years, $18.00.

Member—Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

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Vol. 138 August 19, 1940 Number 8

Standards by Consumers

Consumption is a progressive factor in economic operations. Even the producer of natural raw materials must consume something in his work—tools, lubricants, fuels, to say nothing of what his workers consume. So, in the premise that consumers should have standards for the goods they buy the idea that they should have something to say in the making of such standards is not a wild ism.

In fact, the more that the consumer's views are considered in such things as making standards to suit consumer's rights the more progress will be made, and the easier, in whatever it is that is being done. The consumer holds the door through which all manufactured or otherwise provided articles make their final exit to make room for successors. The wider this door is open the bigger and more rapid the exodus and the greater the opportunity for making more and more articles to follow in the same channel. And when an article is constructed to meet the views of the man on the outside of that door, his inclination to keep it closed or almost so is substantially eliminated.

Manufacturers are consumers. They have a logical and a fully justified desire to participate to a considerable extent in the making of standards for the materials they use; that is, in the making of consumer standards. This is quite emphatically shown by the recent launching of a materials-standardizing undertaking by the Toilet Goods Association—an organization whose members are producers of cosmetics but also are consumers of many materials, various containers, and supplies of several sorts. They want consumer standards—and they want to help to make them.

This desire and purpose on the part of the manufacturing consumers of cosmetic materials not only are just, they are also commendable. Consumers, be they manufacturing or ultimate, should have standards to represent their views in respect of what they desire, as well as to guide them in their buying. Manufacturers will do well to recognize this right on the part of those whom they expect to pay for their goods.

Labor Law Confusion

Each successive ruling of the National Labor Relations Board with respect to the status of workmen's collective bargaining agencies which are not affiliants of one or the other of the national, or "international," labor organizations appears to add further to the confusion inevitable in any endeavor to figure out the official conception of the purpose of the labor relations law. Even when there is evidence that the board was justified in its charges of employer domination of such an individual organization, the findings often contain a gratuitous obiter dictum which indicates that opinion has at least as much weight as fact.

In a recent case involving a chemical manufacturer the labor board, ordering the disestablishing of an individual organization of the plant employees, opined that the effectiveness of such an agency in getting better working conditions than unions demand was at least as much evidence of employer domination as it was of the value of the organization to the workers. It must be concluded that the labor relations law as officially interpreted presents the peculiar problem found in the antitrust laws in their somewhat conflicting purposes of assuring full freedom of competition and at the same time keeping it fair. The labor relations law at times appears to have more regard for freedom of performance than for fairness or for desirability of results.

There is difficulty then in escaping the conclusion that the administrative purpose of the labor relations law is full freedom of action by nationally, or "internationally," organized labor. The results obtained, or even to be expected, may be less beneficial than those obtainable without this outside assistance. The domination of workers individually and collectively may be and frequently is obvious and obnoxious. But, the purpose of the law is served only when a third party has the controlling part in the stipulated bargaining.

It is such conclusions, inevitable for the impartial analyst of administration of the labor relations law, that give substantialness to the arguments for revision of that statute. It appears now that, being displeasing to one set of labor leaders, the law is not likely to get early revisionary consideration by Congress—it may be forgotten later in a welter of emergencies.

—O-P-D—

More Jobs for Government

It is quite understandable that the United States Public Health Service, although it has approved increases in the tolerances of lead and arsenic spray residues on apples and pears, says in connection with its report of the contributory investigation that it is fundamentally opposed to the contamination of articles of food with any noxious substance. It is equally understandable, in view of accepted policy and practice in the field of commercial entomology, that the governmental health agency suggests that the Department of Agriculture pursue to achievement the search for effective insecticides and fungicides which are nontoxic to human beings.

But, from the standpoint of free and untrammeled functioning of private enterprise, why should this pursuit be regarded as a governmental job? Of course, the largest part, almost the whole, of the discovery and development of insecticidal and fungicidal agents and practices has been done by governmental agencies. But, that was in the times when less consideration was asked for the private rights of free enterprise. These are different days, in matters of expression and sloganeering, at least, and they call for a different attitude on the part of government toward the doing of what private enterprise can do—and should do if it wants to have any passable reason for retaining its place in the changing economic cosmos.

What then is to be said about the introduction of a bill (H.R. 10336) in the Congress which seeks to authorize the Department of Agriculture to conduct research on hemlock pulpwood and sitka spruce bark? Surely this is an encroachment upon the field of private enterprise. The paper industry, the tanning industry, and those chemical and related industries which provide the former two with materials should protest this attempt to spend public funds for the doing of private jobs. They should vigorously demand that government stay out of the big and promising field of farm and forest chemurgy and get out of the extensive, practically boundless field of insecticidal and fungicidal research and development. Of course, these industries must vigorously endeavor so to order and direct their forelooking activities that these important fields for the application of private enterprise do not lie fallow; for unused fields invite squatters.

—O-P-D—

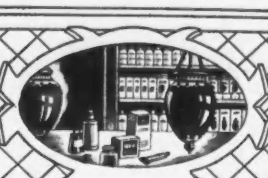
Defining Executives

Because the fair labor standards, or wages and hours, law contains special provisions with respect to the status of executive employees it is required that this term be given an official definition that will be adequate to the needs of administration. This defining job is not proving an easy one, and the administrative agency is faced with the problem of revising its first attempts to say what an executive is for purposes of the act.

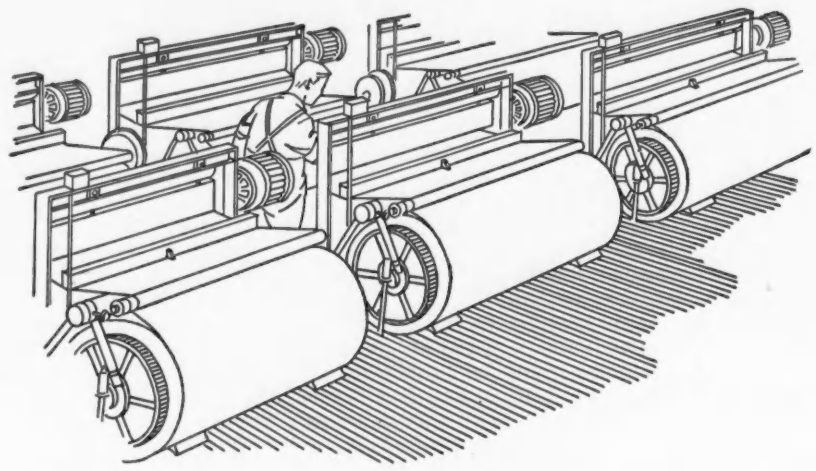
It is obvious that no single definition will suffice for all industries, or even for all the personnels of all companies alike in any one industry. The statutory requirements are vague and the explanation about an executive not being one who does any substantial part of the work which he is expected to direct others in doing excludes many a biggest of big bosses in small organizations or in particular work. Even owners of businesses could not in many instances qualify as executives under a requirement that they refrain from doing work of the sort they also boss.

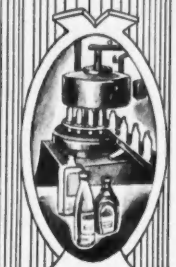
Things of this kind cannot be properly determined by generalizations; such attempts can at best be but compromises and at worst arbitrary caprices. In respect of executives the law cannot be expected to define the term, although this law, as well as all others, could be made more definite and explicit. The only satisfactory means of equitably determining the statutory status of an employee having more or less executive authority is by individual consideration. No general exemption on the basis of pay, duties, or any other criterion will be fair in all cases; nor will any similar general inclusion. With all laws having to do with labor conditions or relations the way of the administrator cannot be short-cut.

PHARMACEUTICAL


PROPRIETARY

P'K'G'D FOOD




BEVERAGE

A Tribute to the Textile Industry

Homespun clothing was still worn by men and women in many a rural section of our country ninety years ago, when the firm of Chas. Pfizer & Co. was founded. Today homespun garments are museum pieces and America's great textile industry can take just pride in the amazing achievements that have enabled it not only to clothe a nation but to win for that nation the title of "best dressed people in the world". We in turn are proud to know that Pfizer chemicals have contributed to the growth and development of this mighty industry in the past and are contributing today to the astounding progress now being made in the realm of synthetic fabrics and in the improved manufacture of textiles of every kind. Today, as from its inception, the name Pfizer stands for unquestionable quality and dependability.

PAINT

TEXTILE

Manufacturing Chemists

CHAS. PFIZER & CO., INC.

81 MAIDEN LANE, NEW YORK, N. Y.
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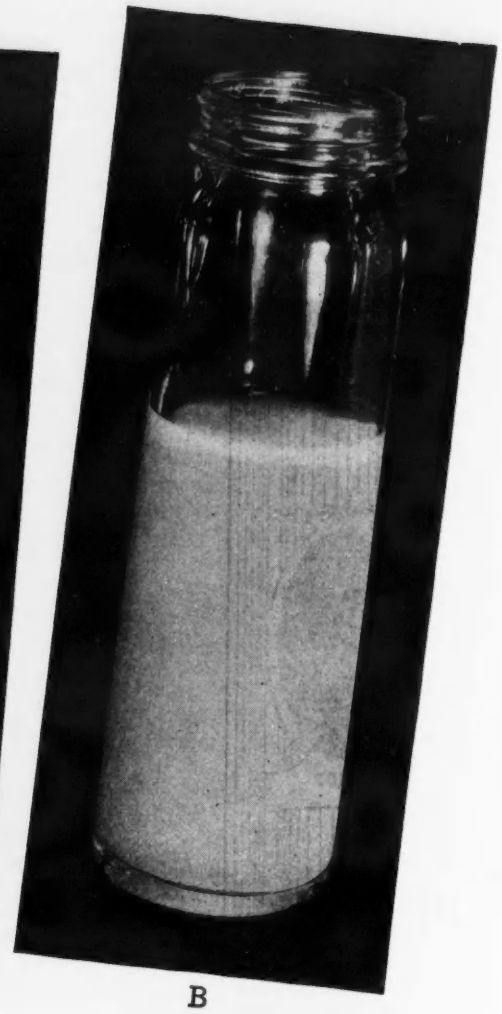
WHERE SALES DEPEND ON SUDSING

USE *AERO BRAND T.S.P.P.

• Good sudsing qualities sell soaps and detergents . . . bring repeat sales. AERO Brand Tetra Sodium Pyrophosphate will give your products these qualities in a plentiful degree.

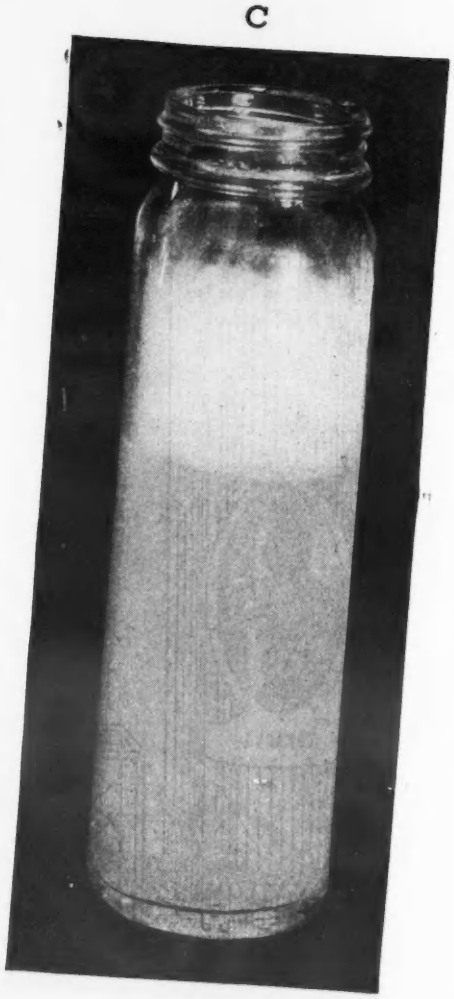
The sudsing effect of AERO Brand T.S.P.P. is illustrated here. All three bottles contain moderately hot water having a hardness of 100 ppm (as $CaCO_3$). In the bottle (A) at the upper left, containing 0.15% T.S.P.P., the water remains perfectly clear. The bottle (B), at the upper right, contains 0.5% soap without T.S.P.P. Violent shaking produces no suds. The bottle (C), at the lower right, containing 0.5% soap and 0.3% T.S.P.P., lathers freely and produces a large volume of suds quickly and easily with only slight agitation.

A



B

C



But good sudsing is only one of the advantages of using AERO Brand T.S.P.P. It increases the effectiveness of practically all detergents because of its water-softening, emulsifying and dirt-dispersing powers. Its mild alkalinity makes it particularly desirable in detergents for wool, silk and artificial silks. It also prevents precipitation of hard water soap scum, making clothes easier to rinse, better smelling, and less likely to be marked by "rust" stains.

Find out today what AERO Brand T.S.P.P. can do for your products. A note will bring you our new booklet on this subject.

AMERICAN CYANAMID & CHEMICAL CORPORATION

30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

Heavy Chemicals

Routine Dealings Characteristic of Seasonal Trend — Price Changes Confined to Metals and Derivatives—Copper Sulphate Holds Firm — Tin Salts Easier

The market for heavy chemicals was devoid of any new developments of consequence last week. Business lapsed into the usual Summer routine. Shipments were maintained at satisfactory levels against contracts in most materials. Some marking time was to be anticipated at this time, and many factors were looking forward to increased business over the final quarter of the year. While volume was believed to have slackened somewhat over the preceding month, it compared favorably with a year ago. Prices for basic chemicals were well sustained.

What little price fluctuations occurred continued to revolve around metals and their derivatives. Copper, however, failed to experience any further change. Prices for many copper salts have not as yet reflected the change in the metal, with sellers marking time before making any readjustments. Copper sulphate was firm at the levels established the preceding period. Tin salts were easier; spots Straits metal continued to ease from the high levels of a few weeks ago. Reduction in lead found no reflection in the quotations for such chemicals as lead acetate and nitrate.

Price Changes

Advanced

None

Reduced

Tin, Straits, 1¼c. per lb.
crystals, ½c. per lb.
stannous chloride, anhy., ½c. per lb.
tetrachloride, anhy., ½c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.7	153.7	151.4	146.8

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.6	101.6	101.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—Interest remained steady. No price changes, with market tone firm. June exports alum compounds 246,000 pounds, valued at $15,123.

Alumina Sulphate.—Demand moderately active. Prices rule firm. June exports 7,206,475 pounds, valued at $78,615, of which 4,308,930 pounds went to Canada and 1,572,800 pounds to Argentina.

Ammonia, Anhydrous.—Satisfactory inquiry prevailed. Pricewise a firm tone was in evidence. June exports 891,395 pounds, valued at $71,998.

Ammonia, Aqua.—Shipments moved against contracts at a moderate pace. No new price developments took place.

Ammonia Bicarbonate.—Market remained a routine affair. Quotations well sustained.

Ammonia Bifluoride.—Small quantities made up the call as a rule. Prices without change.

Ammonia Carbonate.—Usual consumers made necessary replacements. Prices rule unchanged.

Ammonia Nitrate.—Market position favorable, with inquiries steady.

Ammonia Perchlorate.—Trading restricted to regular channels for normal needs. Prices nominal.

Ammonia Persulphate.—Market devoid of any new feature, buying conservative, and prices unaltered.

Ammonia Silicofluoride.—Fair demand. Steady to firm price tone.

Ammonia Sulphide.—Shipments moderate. No change disclosed in the prices.

Ammoniac, Sal.—Buying remained satisfactory in some directions. Prices continued firm. June imports 125,773 pounds, valued at $4,094, of which 111,995 pounds came from Germany.

Antimony.—Trading usually confined to small lots. Domestic spot price unchanged.

Antimony Needle.—Market position tight. Prices nominal.

Antimony Oxide.—Fair interest from usual channels. Prices lacked any alteration.

Arsenic.—Withdrawals of white routine. A firm price tone prevailed. June imports 1,703,394 pounds, valued at $41,775, of which 1,611,387 pounds came from Canada.

Barium Salts.—Price movements were absent, and a steady to firm price tone prevailed. The call was moderate in most directions.

Bleaching Powder.—Usual consumers made their appearance for fair size replacements. Pricewise a firm tone predominated. June imports 56,357 pounds, valued at $1,344, all from the United Kingdom.

Calcium Acetate.—Dealings routine. Quotations without change.

Calcium Carbide.—Business moderate Prices rule firm. June exports 2,692,808 pounds, valued at $88,637.

Calcium Chloride. — Withdrawals held at favorable levels in most directions. No change occurred in the prices. June exports 6,703,405 pounds, valued at $64,553, of which 6,047,138 pounds came from Canada.

Carbon Bisulphide. — Shipments moved against contracts at a steady pace. Prices well maintained. June exports 399,120 pounds, valued at $21,865.

Carbon Dioxide.—Moderate activity. Prices continued unchanged and firm.

Carbon Tetrachloride.—Satisfactory interest reported, with prices steady to firm.

Chlorine.—Buying continued at favorable levels. The market retained its firm position, and prices were unchanged. June exports 926,723 pounds, valued at $20,807, of which 722,850 pounds went to Canada.

Cobalt Oxide. — Market position strong. Sellers pursued policy of limiting commitments to regular consuming channels. Prices firm. June imports 15,750 pounds, valued at $25,026, of which 10,150 pounds came from France and 5,600 pounds from Australia.

Copper.—Sales held at fair levels in the domestic market. Custom smelters continue to quote 10¾c., while producers held to the 11c. level. Outside market remained at 10¾c. Japan still factor in export market, with price 9.90c. per found f.a.s. Refined copper stocks in the United States showed an increase of 16,237 tons at the end of July.

Copper Salts.—Quotations retained at former levels, despite easier tone in the metal. Sellers report fair interest.

Copper Sulphate.—While some leveling off occurred in agricultural business, demand from other sources continued favorable. Prices well sustained at levels established preceding period. June exports 2,590,656 pounds, valued at $110,478.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Association meetings:—
DCAT outing, Oct. 18-19, Skytop.
Pest Control Association, Oct. 28-30, Indianapolis.

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Copperas. — Market position firm. Transactions held to usual channels.

Feldspar.—Fair buying from ceramic trade. Prices without change.

Fluorspar.—Business moderately active. Prices steady to firm.

Lead Acetate.—Recent fluctuations in basic metal had no effect on prices. Trading routine.

Lead Nitrate.—Withdrawals spotty. No change disclosed in the quotations.

Lime. — Quotations steady to firm. Some letdown in buying, but business considered favorable for this time.

Magnesite.—Market position firm. Inquiries satisfactory, with outlook good.

Manganese Salts.—Firmness continued to characterize the dealings. Shipments usually confined to regular channels.

Methyl Chloride.—Transactions routine. Prices rule firm.

Molybdenum Metal Powder.—Steady demand. Pricewise a firm tone prevailed.

Nickel Salts.—Business moderately active. Prices were without change and firm.

Phosphorus.—Market for red continued about the same, with business restricted to usual channels; fair demand for the yellow.

Potash Carbonate. — Shipments moved against contracts steadily. Prices firm.

Potash, Caustic.—Replacement buying retained at steady levels. Prices unchanged and firm.

Potash Chlorate. — Market position firm. Withdrawals limited to regular channels. June imports 184,352 pounds, valued at $9,748, of which 132,832 pounds came from France, and 51,520 pounds from Switzerland.

Potash Cyanide.—Dealings routine. Prices strictly nominal. June imports 11,200 pounds, valued at $3,640, all of which came from the United Kingdom.

Potash Permanganate. — Steady interest. Market position favorable.

Saltcake.—Shipments moved to major consuming channels at a good pace. Prices nominal. June imports 2,428 tons, valued at $38,421, all of which came from Canada.

Saltpeter.—Demand only moderate. Prices without change, and market tone held firm.

Soda Acetate. — Withdrawals maintained at fair levels in most directions. Prices continued firm.

Soda Ash.—Most major consuming industries made replacements steadily to keep market in satisfactory position. Normal export demand.

Soda Bicarbonate.—Business steady. Pricewise no change occurred.

Soda Bifluoride.—Fair interest. No change disclosed in the prices.

Soda Bisulphite.—Consumers entered market for nearby needs as a rule.

Soda, Caustic.—Shipments maintained at moderately active levels. No change developed in the prices.

Soda Chlorate.—Seasonal activity gave the market sufficient support to keep prices firm. June imports 460,800 pounds, valued at $16,377, all of which came from France.

Soda Cyanide.—Withdrawals maintained at steady levels. Prices ruled firm. June imports 3,997,791 pounds, valued at $170,517, of which 3,922,791 pounds came from Canada.

Soda Hydrosulphite.—Prices remain firm. Demand moderate.

—Continued on page 33

F.T.C. Arraigns Buyer Paid by Seller

—Continued from page 3

clearly into issue this most important question of the necessity of proving "splitting" of commissions under the brokerage section of the Robinson-Patman act.

Notwithstanding opinions held by prominent lawyers and businessmen to the contrary, it has been my contention from the very beginning of the enactment of the Robinson-Patman act that section 2 (c) must and should be interpreted to prohibit dual representation by agents or brokers of both buyers and sellers in the same transaction. I believe that section 2 (c) requires that the broker must definitely make up his mind whether he is to represent and act for the buyer or the seller. If he chooses to represent the buyer. he must then look to the buyer and to him only for compensation for his buying services as the buyer's agent or broker. He should not be permitted to accept commissions or anything else of value from the seller from whom he may be buying for the account of his buyer-principal. And so, likewise, the seller should not be allowed to pay the buyer's agent or broker for purchases the broker may make from the seller for and on behalf of his buyer-principal.

A similar charge of violation of section 2 (c) of the Patman act is made by the commission in a complaint against A. M. Florman & Co., this city, described as purchasing agent for some forty millinery and department stores.

F.W.D.A. Convention To Stress Cooperative

—Continued from page 3

Lazo, executive vice-president of the Cooperative Food Distributors of America, who will address our meeting on "Cooperatives—Past, Present and Future." Mr. Lazo as a member of the committee on distribution of the Twentieth Century Fund whose studies were issued in the book, Does Distribution Cost Too Much?, is one of the foremost students on the cooperative as it now operates in this country.

Further, in this respect, Dr. John Albright of the Census Bureau of the Department of Commerce will picture the growth of retailer-owned wholesalers in the light of the 1940 census.

The Federal Wholesale Druggists Association will meet September 8 to 11 in The Homestead, Hot Springs, Va. The convention rate at the hotel will be $10 a day for a single room; $18 for a double room. Reservations should be made to George Slosson, jr., general manager, Hot Springs.

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Heavy Chemicals

—*Continued from page 32*

Soda Metasilicate.—Business steady. Quotations in conformity with those prevailing previously.

Soda Nitrite.—Prices without change and firm. Buying well sustained.

Soda Phosphate.—Dealings were along routine lines for most part. Pricewise no change occurred.

Soda Silicate.—Market continued to enjoy a diversified call from various consuming channels. No change disclosed in the prices.

Soda Silicofluoride.—Market position tight. Domestic shipments usually limited to regular channels. Stocks of imported small. June imports 87,524 pounds, valued at $3,028, of which 65,478 pounds came from Belgium and 22,046 pounds from the Netherlands.

Soda Sulphide.—Steady call. Pricewise a firm tone predominated.

Sulphur, Refined.—Demand moderate from most sources. A firm price tone remained in evidence.

Tin Salts.—Various tin derivatives declined ½c. per pound. Tin crystals ranged from 38½c. to 39c.; anhydrous stannous chloride 47½c. to 48c. and anhydrous tetrachloride 25c. per pound. Straits spot closed 50¾c. per pound. Exports of tin ore and tin from the Netherland Indies are subject to a war export duty of 5 percent ad valorum. This is in addition to the already existing duties and taxes on the metal.

Uranium Oxide.—Prices rule firm. Transactions steady for usual channels. June imports 2,756 pounds, valued at $4,879, all of which came from Belgium.

Zinc Chloride.—No change occurred in the prices. Buying was routine.

Acids

Prices for various mineral acids were retained at firm levels last week. While buying underwent comparatively little broadening at this time, nevertheless replacements were made steadily. The outlook continued favorable for increased demand during the remainder of the year, especially when the defense program gains momentum. Inquiries for exports reached the market in satisfactory volume, but sellers continued to exert caution in accepting all business.

Acetic.—Shipments moderate. Prices remain the same.

Battery.—Dealings were routine. No change in the quotations.

Chromic.—Firm price tone, with business steady.

Formic.—Market retained its strong position, and transactions were moderately active.

Gallic.—Buying light. Quotations unchanged and firm.

Hydrofluoric. — Withdrawals fairly steady. Pricewise nothing new occurred.

Lactic.—Business irregular. Quotations held at previous levels.

Muriatic.—Shipments steady. Prices remain the same. June exports 180,691 pounds, valued at $9,565.

Naphthenic.—Prices nominal. Demand sufficient to absorb most domestic offerings.

Nitric.—Good inquiry. Shipments steady. Prices unchanged and firm.

Oxalic.—Market position holds firm. Regular consumers supplied for normal requirements.

Phosphoric.—Fair demand. No change in the quotations.

Sulphuric.—Operations in the steel industry and other consuming lines gave the market satisfactory support. Nothing new occurred in the prices, and tone was steady to firm.

Baltimore, Aug. 14.—The situation as to sulphuric acid during the past week showed no change as compared to preceding period. The nominal quotations stand at the previous level of $12 per ton for 60-degree, and at $15 per ton for 66-degree acid. Oleum is very quiet, with the current quotations still at $17 per ton for 20 percent material.

Insecticides

Business in the market for agricultural insecticides and fungicides experienced no expansion last week. The peak season over, buying was confined to scattered areas and for export. Little pickup was uncovered in the demand for calcium arsenate in Southern Cotton States, with weather conditions detrimental in most sections. The market lacked any new price feature, and quotations were all maintained at former levels.

Calcium Arsenate. — Demand only fair. There was nothing new to report in the prices. June exports, 246,284 pounds, valued at $11,601.

Lead Arsenate. — There was little broadening in business in this direction. Prices without change. June exports, 298,418 pounds, valued at $27,276.

Nicotine Sulphate. — Business conservative. Prices lacked any change. June exports, 7,627 pounds, valued at $6,505.

Fusion-Weld Tankcars Authorized for More Tests

OPD Washington Bureau
August 13, 1940

The American Car & Foundry Company has been granted authority by the Interstate Commerce Commission to build 172 tankcars with tanks made by fusion welding, thus bringing to a total of 1,184 the number of cars to be so constructed for use in experimental transportation of articles other than explosives. The latest group of tankcars will be used for traffic in petroleum products and caustic soda solution.

Of 1,074 authorized cars, 442 in service have moved safely in 13,530 trips over 10,113,311 miles.

Lead, Arsenic Residue Tolerances Increased

—*Continued from page 5*

gations, it considers safe tolerances for lead and arsenic on apples and pears; (2) whether tolerances recommended for apples and pears are likewise applicable to other food commodities. In answer to these inquiries, the acting surgeon-general said, in part:—

July 9, 1940, the final report of an intensive study of 1,231 men, women, and children and a report of supplementary laboratory studies was forwarded to you and to the Commissioner of the Food and Drug Administration. The subjects of the field study lived in a district where large quantities of lead arsenate are used, and have been used for over thirty years, as an insecticide on apples and pears. In the light of those investigations, it is the opinion of the Public Health Service that a tolerance of lead arsenate on apples and pears may be placed at 0.05 grain per pound for lead, and for arsenic (As_2O_3) at 0.025 grain per pound without endangering the health of the consumers. The Public Health Service would not feel justified in stating that tolerances higher than these might not endanger the health of the consumer.

In answer to your second question, since the above-mentioned investigations dealt only with lead and arsenic in the form of lead arsenate on apples and pears, these tolerances are not applicable to other food commodities.

It should be understood that the Public Health Service has always regarded the contamination of foodstuffs, as well as air and water, by toxic materials as unhygenic and undesirable, and while the Public Health Service is cognizant of the great amount of research work which has been done on insect control, it is recommended that the administrator urge the Secretary of Agriculture to continue studies in this field. It may be expected that if methods of evaluation of toxic effects in human beings is improved a redefinition of threshold values may be necessary.

Chemical Salesmen to Golf At Larchmont, N.Y., Aug. 20

The Salesmen's Association of the American Chemical Industry will hold its third tournament of the season at the Bonnie Briar Country Club, Larchmont, N. Y., August 20. Those members of the association who paid 1940 dues before the June tournament and who participated in that tournament will be permitted to play golf at the expense of the association. All others, including guests, will pay a green's fee of $4. Phil Lo Bue, of Joseph Turner & Co., Ridgefield, N. J., chairman of the entertainment committee of the association, is in charge of arrangements.

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Potash from Seawater

(Reprinted from Bulletin of the Imperial Institute)

Although it has been found possible in many instances to recover the potash content of natural lake brines, the low percentage of potassium salts and the huge preponderance of sodium chloride in seawater have hitherto prevented direct recovery of potash from the latter source. Potash salts of varying degrees of purity can, however, be obtained from the bitterns produced in the evaporation of seawater for the production of common salt (see this *Bulletin*, 1938, *36*, 326-334, and 1940, *38*, 109-111).

It is evident that a process for the separation of potash salts from the enormously larger amounts of sodium compounds present in seawater might be based very conveniently on a selective precipitant which would give an insoluble potassium compound while leaving the sodium salts in solution. Such a compound, as an analytical reagent for the detection of potassium on a very small scale, was proposed by Poluektov (*Mikrochemie*, 1934, *14*, 265-6), the reagent being dipicrylamine, or hexanitrodiphenylamine, which gives an insoluble orange-red potassium compound in a slightly alkaline solution.

The use of dipicrylamine has now been applied to the recovery of potash from seawater, and a patent (E.P.22,-025) has been taken out by the Norsk Hydro Elektrisk Kvaelstof A.S. (*Chem. Tr. J.*, 1940, *106*, 241). All the metals, except potassium, present in seawater form soluble compounds with the reagent. In the application of the process, one of the soluble salts of dipicrylamine, preferably the calcium compound, although the sodium, magnesium, or lithium salts may be used, in slightly alkaline solution, is added to seawater or other saline solution in quantity a little below that thoretically required to react with all the potassium present. The insoluble potassium salt is precipitated, filtered off, and washed. The filtrate is acidified in order to precipitate any unused reagent, which is recovered.

The insoluble potassium dipicrylaminate is treated with an acid, preferably nitric acid, giving a solution of potassium nitrate and precipitating the dipicrylamine, which is recovered for reuse. Sulphuric, hydrochloric, or acetic acid can also be used, while by the employment of carbon dioxide under pressure, potassium carbonate can be obtained.

An experimental plant is stated to have been erected at the Heroya works of the Norsk Hydro Elektrisk Company.

The preparation of the dipicrylamine reagent is carried out in two main stages. In the first place, anilin and anilin hydrochloride in equimolecular proportions are heated in an autoclave, forming diphenylamine. The product is boiled with dilute hydrochloric acid, which removes the unchanged anilin and leaves the diphenylamine as the free base, which is separated and purified by distillation. As a laboratory reagent, dipicrylamine is prepared (Feigl, Spot Tests, Amsterdam, 1937) by dissolving diphenylamine in concentrated sulphuric acid and pouring this solution into fuming nitric acid. After the first violent reaction has subsided, the mixture is gently warmed to complete the nitration. It is then poured into ice-cold water, the dipicrylamine being precipitated, filtered off, washed, and recrystallized from glacial acetic acid. This method of preparation is comparatively simple for an organic compound and the processes employed are well known. It is probable that a similar process is used to prepare dipicrylamine on a larger scale. At the present time the price of dipicrylamine, at any rate in this country, is very high, but it is made only on a very small scale as a laboratory reagent. The cost of manufacture on a commercial scale would undoubtedly be less and it would probably not be necessary to purify the commercial product to the same degree as is necessary for an analytical reagent. In the process described above, the reagent is, to a very large extent, recovered and used again, so that a continuous heavy expenditure for its replacement would not be necessary.

Drug section of the Greater New York Fund has contributed $17,269 to the 1940 campaign.

I.C.C. Broadens Chemical List for Motor Haul

OPD Washington Bureau August 14, 1940

The Interstate Commerce Commission has authorized motor truck shipment of various chemical products in packages recently approved for rail shipment but not heretofore legal for truck shipment.

These include shipment of ethylene oxide in tank trucks; acid sludge and spent mixed acid in boxed carboys except when containing hydrofluoric acid; arsenical compounds, dust and mixtures, arsenate of lead, calcium arsenate, and Paris green in paper bags without inside paper bags when in truck-load lots or in paper bags with inside paper bags in less-than-truck-load lots; aniline oil in multiple trip containers when bearing a returnable package notice.

Amending rule 5 (a) of its regulations requiring drivers of common and contract carriers to maintain a driver's log, the commission has issued an order, ex parte No. MC-2, exempting from that provision those drivers who are on a regular schedule in urban or suburban areas and whose employers keep records of the total number of hours of each driver.

Quaker Chemical Laboratory Expected to Be Ready Oct. 1

The Quaker Chemical Products Corporation, Conshohocken, Pa., is constructing a laboratory. Plans for this laboratory call for the accommodation of fifteen research chemists and has been designed purely for research and development work. The old laboratory will continue to be used for control and plant work. It is expected to be ready for occupancy by October 1.

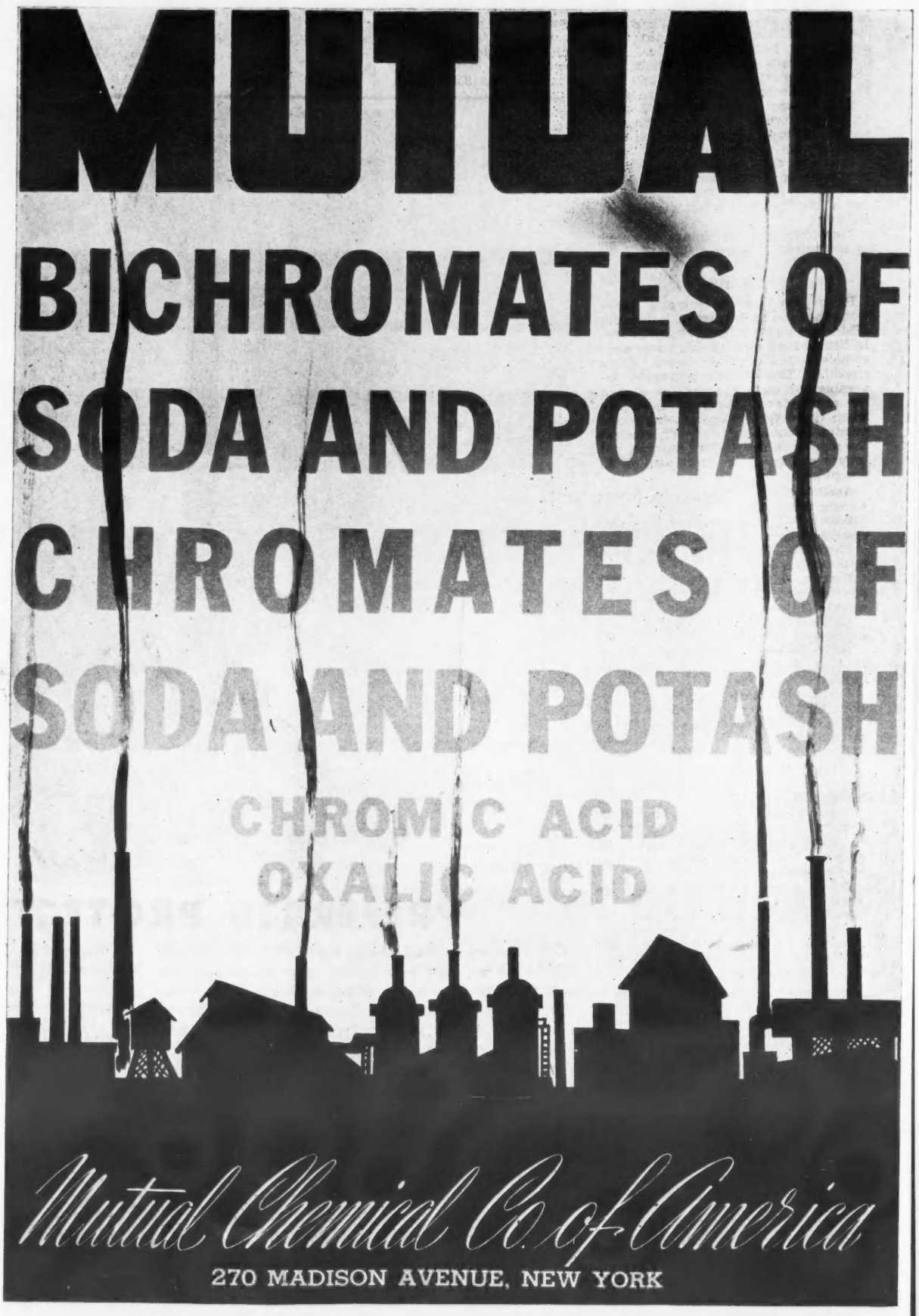
Alum Freight Cut Postponed

The Interstate Commerce Commission has suspended from August 13 to November 11 schedules proposing to establish a reduced contract carrier minimum charge of 14 cents per 100 pounds on shipments of sodium-aluminum sulphate from Terre Haute, Ind., to St. Louis. The present rate is 19 cents.

Hooker Electrochemical Plans Stock Par Value Reduction

A special meeting of common stockholders of the Hooker Electrochemical Company, Niagara Falls, has been called for September 12, to vote on changing authorized and issued 25,000 shares of common stock, par $100, into 250,000 shares of common stock, par $10. If such action is approved, to alter voting rights of preferred stock so that each holder would be entitled to cast 10 votes for each share of such stock to the end that relative voting rights of holders of common and preferred stock remain unchanged and as they presently existed.

Reed Drug Company, Baltimore, July sales amounted to $207,151, against $137,708 in July a year ago.



Dyestuffs, Textile and Leather Chemicals

Business Continues Quiet — Mangrove Bark Advanced — Zinc Dust Higher—Bichromates Move Moderately—Castor and Tallow Sulphonated Oils Easier

Dealings in the market for dyestuffs, textile and leather chemicals were confined to conservative quantities last week. While some of the dullness could be accounted for by seasonal conditions, some disappointment was expressed over the lack of buying in anticipation of Fall requirements. Government commitments were looked for to bolster operations in many consuming lines, but so far other demand has lagged.

An easier tone was evident in castor and tallow sulphonated oils, reflecting for the most part the weakness in the basic commodity. Zinc dust advanced in sympathy with the higher metal price. Mangrove bark registered an advance, accounting for the only price movement in tanning materials for the past few weeks.

Bichromates moved against contracts moderately. Exports were less a factor than previously. Preliminary exports for the first half of this year disclosed a total of 7,143 tons, valued at $1,863,533. Natural dyestuffs continued dull. Trading in sizing materials was slow, while not much new buying occurred in tanning materials.

Price Changes

Advanced

Mangrove bark, $1 per ton.
Zinc dust, ¼c. per lb.

Reduced

Oil, castor, sulphonated, ½c. per lb.
tallow, ½c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
144.8	144.8	144.6	134.2

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—Business routine. Prices without alteration.

Alumina Chloride.—No broadening in the demand. Quotations unchanged.

Ammonia Acetate. — Fair demand. Pricewise no change occurred.

Ammonia Bichromate. — Trading confined to conservative quantities.

Antimony Salts.—Transactions dull. No change in the quotations.

Chrome Acetate.—Modest quantities made up the call as a rule.

Potash Bichromate. — Shipments against contracts fairly steady. Prices rule firm.

Potash Prussiate. — Market position firm. Dealings routine.

Soda Bichromate. — Demand moderately active. Pricewise a firm tone prevailed.

Soda Prussiate. — Usual consumers supplied a fair interest for nearby needs.

Sulphonated Oils.—Prices for castor and tallow declined ½c. and ⅛c. per pound, respectively. Sharp declines in the raw commodity were responsible for the easier tone. No change occurred in the olive sulphonated quotations. Demand has held up to fair levels.

Zinc Dust.—Prices advanced ¼c., ranging from 8½c. to 9c. per pound. Withdrawals moderate.

Dyestuffs

Annatto. — Commitments small. Prices without change. June imports 93,729 pounds, valued at $3,789.

Cochineal. — Market position firm. Business only fair.

Fustic.—New business light. Steady to firm price tone.

Hypernic.—Not much feature to the dealings. Prices rule firm.

Indigo. — Market strong. Demand along conservative lines.

Logwood.—Routine demand. Prices unchanged and firm. June imports 4,631 tons, valued at $45,739.

Madder, Dutch.—Business on a hand-to-mouth basis. Despite the dullness, prices were well sustained.

Turmeric. — Prices remain firm. Moderate buying. June imports 275,668 pounds, valued at $10,423.

Sizing Materials

Albumen, Blood.—Business steady. Prices without change and firm.

Albumen, Egg.—Demand dull. No change occurred in the quotations.

Corn Sugar.—Withdrawals only fair. Prices well sustained.

Dextrin, Corn.—Steady to firm price tone, with bookings moderate.

Egg Yolk.—Dealings narrow. Pricewise no change took place.

Sago Flour.—Market routine. No change occurred in the prices, and tone was steady to firm.

Starch, Corn.—Business lacked any broadening, but the market retained its firm tone. July corn grind 5,123,031 bushels, against 5,158,366 bushels in June and 4,308,189 bushels in July, 1939, according to Corn Industries Research Foundation.

Starch, Potato. — Market position tight. Withdrawals moderate.

Starch, Rice.—Steady to firm price tone, with shipments only fair.

Starch, Sweetpotato. — Stocks remain small, and interest light. Market lacked any new price developments.

Starch, Wheat.—Transactions modest as a rule. Prices unchanged.

Tapioca Flour.—Position of market firm, inquiries hold at satisfactory levels.

Tanning Materials

Chestnut Bark.—Interest confined to nearby needs. Prices unchanged.

Cutch.—Fair demand. Prices rule the same. June imports 2,240 pounds, valued at $126.

Gambier.—Market nominal. Demand continued to lag.

Hemlock Bark.—Dealings routine. Prices rule firm.

Hematine.—Prices unchanged. Buying narrow.

Mangrove Bark.—Quotations advanced $1 per ton to $36. Moderate inquiry.

Myrobalans. — Prices lacked any change. Withdrawals narrow.

Osage Orange.—Market dull. Prices continued the same.

Quebracho.—Steady to firm price tone prevailed, takings only moderate.

Quercitron.—Trading lacked much feature. Prices rule firm.

Valonia.—Quotations for beards and cups unaltered. Demand quiet.

Wattle Bark.—Not much new occurred in this direction. Prices held unchanged.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Association meetings:—
Textile Chemists and Colorists, Oct. 18-19, New York.

Scouring Agent Offered By General Dyestuff Corp.

A new scouring agent, "Cyclopon A," said to possess excellent stability to hard water, acids, and alkalies, has been introduced by the General Dyestuff Corporation. It is particularly recommended for scouring greasy wools, oily wool yarns and piece goods; in the boil-off of rayon and acetate rayon fabrics; and in the preparation and scouring of cotton and rayon mixtures. A leaflet further describing "Cyclopon A" may be obtained from the General Dyestuff Corporation, 435 Hudson street, New York, by mentioning the REPORTER.

Celanese Corp. to Spend $14,000,000 on Improvements

Celanese Corporation of America plans to spend approximately $14,000,000 for expansion and improvements to plant and equipment over the next two years. The improvement plan will be financed by a 15-year 3 percent debenture issue, which has been registered with the Securities Exchange Commission. The total amount of the issue is $25,000,000, of which $10,000,000 would be used to retire an outstanding 3⅜ percent issue of debentures.

Magnesium Metal Supply Adequate for U.S. Needs

W. H. Dow, president of the Dow Chemical Company, Midland, Mich., at the annual stockholders' meeting August 14, discussed the company's development of magnesium metal. Mr. Dow said:—

As a result of twenty-year research effort, Dow is supplying American industry with a series of low-cost magnesium alloys known as "Dowmetal".

When the Dow company originally began its development work twenty years ago the price of magnesium was $3.50 a pound. As production and acceptance of "Dowmetal" increased, price was reduced. Today magnesium metal is selling at an all-time low of 27 cents a pound.

The Dow company created and owns its methods of production. It pays no patent royalties on the production of magnesium metal to any foreign sources.

And within the last year the Dow company has doubled its production facilities and these will be doubled again by December, 1940. These facilities can provide 25,000,000 pounds a year and can be quickly increased—ample assurance there will be no lack of low-cost domestic magnesium metal for all of America's present needs.

R. L. Curtis was elected assistant secretary of the company. Other officers and directors of the company were re-elected.

Harry J. Schnell Has Business Jubilee

—Continued from page 3

lications with which he has been connected early brought Mr. Schnell into intimate contact with the leaders, earned for him their confidence and respect, and carried him into close and particular service in a number of their national, as well as local, associations. His acquaintance among business leaders in this field has always been very wide; and it has been of such nature that his friends among them are many, and his position as a journalist is one of high esteem and trust, to which his honorary degree of doctor of pharmacy from Rutgers University is but one of many testimonials.

Harry Schnell has had full direction of the editorial policies and business methods of OIL, PAINT AND DRUG REPORTER, *Druggists Circular*, and *National Painters Magazine* for many years; even before the death of William O. Allison, the publisher, Mr. Schnell was the directing head and the working boss. It has been by his native ability, his judgment, and his energy that these publications have been placed and maintained in their recognized prominence. In the fields which they serve they have been and are to business leaders a reflection of the man and his works; and likewise he is the publications, for he lives them.

So, Harry Schnell has had a resultful, as well as a work-filled, half-century in the only job he ever had. He manages to find time for the able performance of civic and philanthropic duties, but he gives himself very little time for popular recreational pursuits. He is still first and most the directing head and working boss of his publishing business. H. C.

Synthetic Alcohol Folder Issued by Carbide & Carbon

The Carbide & Carbon Chemicals Corporation, a unit of the Union Carbide & Carbon Corporation, this city, has published a new folder entitled "Synthetic Alcohols." The folder is one of a series of pamphlets designed to present brief and concise information on industrial organic chemical families. This latest one describes twelve members of the alcohol group, from methanol to heptadecanol, giving the uses of each. A convenient table presents their principal properties, boiling points, specific gravities, vapor pressures, flash points, and various solubility data.

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DRY COLORS — DYESTUFFS
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ALUMINUM SALTS FOR WATER REPELLENT TREATMENTS
Especially developed for the modern concentrated water repellent preparations, "Niaproof" contains 35 to 37% active Al_2O_3. It is readily soluble in water giving solutions of 5.1 to 5.4 pH depending on concentration; which can be reduced if desired to a pH range of 3 to 4 by the addition of Glacial Acetic Acid.
"Niaproof" Basic is prepared for compounds requiring a basic salt. It contains 34 to 35% active Al_2O_3. Solutions have a pH range of 4.7 to 4.8 which can also be lowered by the addition of Acetic Acid.
Samples of both grades, as well as 20% Normal or 32% Basic Aluminum Acetate Solutions, are available on request. *Trademark
NIACET CHEMICALS CORPORATION 4703 PINE AVE., NIAGARA FALLS, NEW YORK

CRESOLS

There is a type of Barrett Cresol suitable for any commercial demand—Ortho-, Meta-, Para- and Metaparacresols as well as special blends. They are made to precise specifications by America's leading manufacturer of coal-tar chemicals.

Cresol U. S. P.

Cresol U.S.P. is used for the manufacture of Liquor Cresolis compositus; as a preservative and in the manufacture of textile soaps and wetting out agents. It is water white as produced, but darkens in time. Distillation not less than 90% between 195-205°C.

Metaparacresols

Metaparacresols are available in three principal grades, and are widely used in the manufacture of synthetic resins, tricresyl phosphate and other cresol derivatives in which low orthocresol content is desirable. All are produced as light colored liquids. The 2° grade contains approximately 60% Metacresol, and distills 95% in 1°C. range; completely within 2°C. between 200.3° and 203°C. The 3° grade contains approximately 55% Metacresol, and distillation range is 3°C. between 200°C. and 203.5°C. The 5° grade contains approximately 53% Metacresol and distills within 5°C. range between 199-205°C.

Orthocresol

Orthocresol is produced as a white crystalline material and is used in preparation of synthetic tanning agents; orthocresotinic acid and cumarin; and in some synthetic resins. It is used in controlled amounts with phenol or other cresols to impart plasticity to their resinification products. Three regular grades are manufactured with minimum melting points of 30.4°C.; 30°C.; 29°C. and maximum distilling ranges of 95% within 2°C., 90% within 2°C. and 100% within 5°C. respectively. Lower melting point grades can also be supplied.

Metacresol

Metacresol is an especially fast reacting tar acid, used in moulding-type phenolic resinoids and in production of certain refined organic chemicals. It is produced as light colored liquids boiling between 199° -204°C., in grades of 80-82% and 70-75% purity.

Paracresol

Paracresol is used in the preparation of dyestuffs and oil-soluble resins. It is produced in two grades: 92-94% and 98-100% pure. Both are light-colored crystalline materials melting not lower than 29.2°C. and 33°C. (dry basis) respectively.

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Barrett
CHEMICALS

Coaltar Chemicals

Seasonal Conditions Prevent Much Broadening in Demand —Export Inquiries for Coaltar Solvents Continue Light —Imports of Cresylic Acid and Naphthalene Small

Business held at fair levels in the market for coaltar chemicals last week. Seasonal conditions precluded any definite broadening in the demand. Buyers and sellers were marking time for the present. Steel operations, while displaying a slight recession, remained at comparatively high levels. There was no feature to the market as far as price movements were concerned, and the tone remained steady to firm.

Export inquiries for coaltar solvents continued light. Benzol has not met with much demand recently for export, despite the fact the material is exempt from the export license requirement applying to toluol. The same situation holds true for xylol. Shipments of toluol abroad have been much less than a few months ago.

Imports of cresylic acid were not heavy, with the United Kingdom supplying what little material reached here. This had a tendency to keep the domestic market in a strong position. Shipments of naphthalene have been negligible for the past several months, and domestic prices were nominal. Phenol moved moderately to domestic channels, while export inquiries were fairly steady. Dealings in coaltar acids and intermediates continued routine. Coaltar colors were taken conservatively.

Price Changes

Advanced
None
Reduced
None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compares as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.2	127.2	127.2	125.2

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol. — Shipments moderate against contracts. Prices unchanged. June exports 76,702 gallons, valued at $14,462, of which 24,493 gallons went to Canada; 19,714 gallons to Cuba; 15,600 gallons to Argentina and 9,714 gallons to China.

Carbazole.—Fair demand. Prices continue unaltered and firm.

Coaltar. — Routine shipments to regular channels. Quotations rule firm. June exports 109,831 gallons, valued at $11,427, of which 60,947 gallons went to Canada and 41,381 gallons to French Indo-China.

Creosote Oil.—Withdrawals moderate. Market retained its firmness. June imports 1,439,607 gallons, valued at $140,192, of which 1,400,000 gallons came from the United Kingdom.

Cresols.—Buying held at fair levels in most directions. Quotations lacked any change.

Cresylic Acid.—Transactions displayed some irregularity. No change occurred in the prices, with the tone steady to firm. June imports 131,761 gallons, valued at $57,050, of which 121,711 gallons came from the United Kingdom.

Naphthalene. — Business restricted to regular channels as a rule. Prices nominal. June imports 206,728 pounds, valued at $2,083, all of which came from the Union of South Africa.

Phenol.—Business moderately active. No change disclosed in the prices, with market position favorable. June exports 739,819 pounds, valued at $93,610, of which 675,000 pounds went to the United Kingdom.

Pitch, Coaltar.—Market a routine affair. Quotations firm. June exports 269 tons, valued at $4,753, of which 262 tons went to Canada.

Pyridin.—interest steady. Pricewise a firm tone continued in evidence.

Toluol.—Shipments moved against contracts steadily. Prices ruled firm. June exports 2,009,238 pounds, valued at $123,952, of which 611,288 pounds went to France; 393,928 pounds to Spain; 580,595 pounds to the United Kingdom; 175,462 pounds to Newfoundland and Labrador and 162,288 pounds to Japan.

Xylol.—Business moderate. Prices in conformity with those established previously. June exports 54,312 pounds, valued at $4,221.

Chicago Coaltar Bases

Coaltar bases are quiet and in an orderly market position. The call for most grades of material seems to have been sufficient to set up a good tone and the price structure is firm. Benzol movement is reported extensive. Ruling prices exclusive of tax are:—Benzol, 90 percent, 15c. to 16c. per gallon; motor benzol, 11c. to 11½c.; toluol, 27c.; 10-degree xylol, 29c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—Buying conservative. Price failed to change.

Benzoic.—Firm price tone. Business routine.

Broenner's.—Usual consumers continued to make necessary replacements.

Cleve's.—Fair interest. No change in the quotations.

Fumaric.—Moderate demand. Prices without change and firm.

Gamma.—Business confined to nearby needs. Pricewise a firm tone prevailed.

H.—Market routine. Quotations without alteration.

Laurent's.—A firm tone remained in evidence, while trading lacked much expansion.

Maleic. — Withdrawals moderately active. Quotations rule firm.

Malic.—Shipments moved at a fair pace. Prices without change.

Picramic.—Spot and contract commitments restricted to nearby requirements.

Picric.—Firm price tone. Regular consumers supplied steady demand.

Salicylic.—Demand moderate. No change disclosed in the prices.

Succinic.—New business without much feature. Prices unchanged.

Sulphanilic.—Prices unchanged and firm. Business steady.

Tobias.—Demand spotty. No change occurred in the quotations.

Other Intermediates

Alphanapthol.—Dealings held to modest quantities. Prices unaltered.

Anilin.—Some irregularity reported in the demand. Quotations unchanged.

Anthraquinone.—Moderate inquiry. No change in the prices.

Benzaldehyde.—Fair demand. Pricewise no change occurred.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Association meetings:—
Textile Chemists and Colorists, Oct. 18-19, New York.
Pest Control Association, Oct. 28-30, Indianapolis.

Benzidin Base.—Market retains its firm tone, with dealings routine.

Betanapthol. — Usual consumers made necessary replacements only. Prices rule firm.

Betanaphthylamine.—Market lacked any new feature. Prices well sustained.

Dimethylanilin.—Transactions moderately active. Prices without change.

Dinitrobenzene. — Interest fairly steady. Prices in conformity with those prevailing previously.

Dinitronapthalene.—Tone of market held firm, while business was fair.

Dinitrophenol. — Trading narrow. Quotations without change.

Dinitrotoluene.—Market position favorable, with demand steady.

Diphenyl. — Business quiet. No change took place in the prices.

G. Salt.—Market a routine affair. Prices rule firm.

Metanitroparatoluidin. — Demand conservative. No change disclosed in the quotations.

Nitrobenzene.—Firmness characterized the trading, while business was steady.

Nitronapthalene. — Moderate interest. Prices remain unchanged.

Orthoanisidin. — Usual consumers supplied fair demand. Prices unaltered.

Orthochloroanilin. — Business routine. Quotations rule unchanged.

Orthochlorophenol.—New business light. Prices well maintained.

Orthodichlorobenzene. — Fair inquiry. Prices lacked any change.

Orthonitroanilin.—Firm price tone. Business moderate.

Orthotoluidin.—Market in satisfactory position. Demand steady.

Parachlorophenol.—Withdrawals irregular. No change in the prices.

Paranitroanilin. — Buying routine. Quotations without alteration .

Paranitrotoluene. — Moderate demand. Prices unchanged and firm.

Phthalic Anhydride. — Shipments moderately active. No change occurred in the prices.

R. Salt.—Market routine. Price-wise no new developments took place.

—Continued on page 38

Export-Banned Goods Face Gov't Requisition

—Continued from page 5

considered as chromium within the meaning of the regulations. Stainless steels, except in the form of billets, do not require export licenses, nor chromic oxide green.

Cotton linters. Cotton linters include also "cottonseed hull shavings pulp."

Glass, nonshatterable or bulletproof. Glass, laminated with a plastic less than 0.060 inch in thickness, does not require a license unless the plastic is nitrocellulose.

Graphite. The term as used in the regulations does not include ground graphite for batteries.

Magnesium. Does not include magnesite refractory bricks.

Mica. The term does not include ground or water-ground mica, for purposes of the regulations.

Nitrocellulose. No license is required for film scrap. (Note that pyroxylin and allied products require a license.)

Petroleum products. Until further notice a license will be required for the exportation of aviation motor fuel, i.e., high-octane gasoline, hydrocarbons, and hydrocarbon mixtures (including crude oils) boiling between 75° and 350° F., which, with the addition of tetraethyl-lead up to a total content of 3 c.c. per gallon, will exceed 87 octane number by the A.S.T.M. knock test method; or any material from which by commercial distillation there can be separated more than 3 percent of such gasoline, hydrocarbon or hydrocarbon mixture. The term, "commercial distillation," as used in the paragraph quoted above should be interpreted as meaning separation by ordinary refinery fractionating equipment and does not include cracking or superfractionation with the production of narrow boiling cuts or compounds. Furthermore, to come within the definition, the amount of material obtained by this so-called "commercial" distillation must amount to at least 3 percent of the original material and this 3 percent or more must have an 87 octane number or higher, or it must be possible to ethylize it to an 87 octane number or higher with the addition of tetraethyl-lead up to a total content of 3 c.c. per gallon.

The term, "aviation motor fuel," as used in the above-quoted paragraph should not be interpreted as applying to any gasoline which contains over 25 percent of cracked products and has an octane number of less than 70, providing no synthetic iso-octane, neohexane, or alkylates have been added thereto.

No license is required for the exportation of kerosene, diesel fuel oil, and other fuel oil, butane, or propane, but naphtha solvents and thinners may require a license if within the definition of aviation gasoline given above.

Plastics. The term does not include vinyl acetate or cellulose acetate. Only methacrylite is considered a plastic optically clear.

Quartz crystals. Includes only loose quartz crystals but not those cut to certain fractions, amateur crystals, or crystals that are fabricated into radio equipment.

Quinine. Does not include compounds of quinine except quinine sulphate. (See also section on chemicals.)

Tetraethyl-lead, pure, ethyl fluid, or any mixture containing more than 3 c.c. of tetraethyl-lead per gallon requires a license.

Tin. No license is required for tinplate, tin compounds, tin oxide, or scrap metal which contains tin. (Note, however, that tinplate scrap requires a distinct form of license.) A license is required for tinfoil.

Toluol. Benzol and compounds of toluol do not require a license.

Tungsten. Tungsten filament and carbide nibs do not require a license.

Wool. Lanolin does not require a license.

Obituaries

William A. Converse

William A. Converse, retired secretary of the Dearborn Chemical Company, Chicago, and donor of the William Gibbs Medal, died in that city August 10. He was seventy-seven years of age.

Born in Pioneer, Ohio, Mr. Converse was graduated from the College of Pharmacy of the University of Illinois in 1889. Mr. Converse was chemical director for the Dearborn Chemical Company from 1897 to 1909, the year in which he was named secretary and chemical director. He retained those positions until 1924, when he was made secretary and general director of sales, relinquishing the latter office in 1928.

He was a member of the American Chemical Society, serving as secretary of the Chicago section 1902 to 1909 and as chairman in 1909-10. He belonged to the American Institute of Chemical Engineers, the American Society of Mining Engineers, the American Electrochemical Society, and the American Association for the Advancement of Science. The Willard Gibbs Medal is awarded annually to an outstanding chemist.

Surviving are his wife and a daughter.

William T. Atkins, vice-president of the Skelly Oil Company, Chicago, died August 13 of a heart ailment in Muscatine, Iowa, where he had been vacationing. He was fifty-six years of age.

Charles D. Campbell, former sales manager for the Sun Oil Company, Philadelphia, died August 14 in that city. He was seventy-one years of age.

Walter L. Farley, superintendent of a department of Eastman Kodak Company, died in Rochester, N. Y., August 11, after a two-day seige of pneumonia. He was fifty-seven years old.

Luke A. Finn, who retired as an employee of the Standard Oil Company in 1933, after twenty-nine years service, died in Greenwich, Conn., August 11. He was sixty-one.

Liebert Hoffman, for many years a salesman for the American Oil & Supply Company, Newark, died August 15 in Bloomfield, N. J., after an illness of three years. He was sixty-eight years of age.

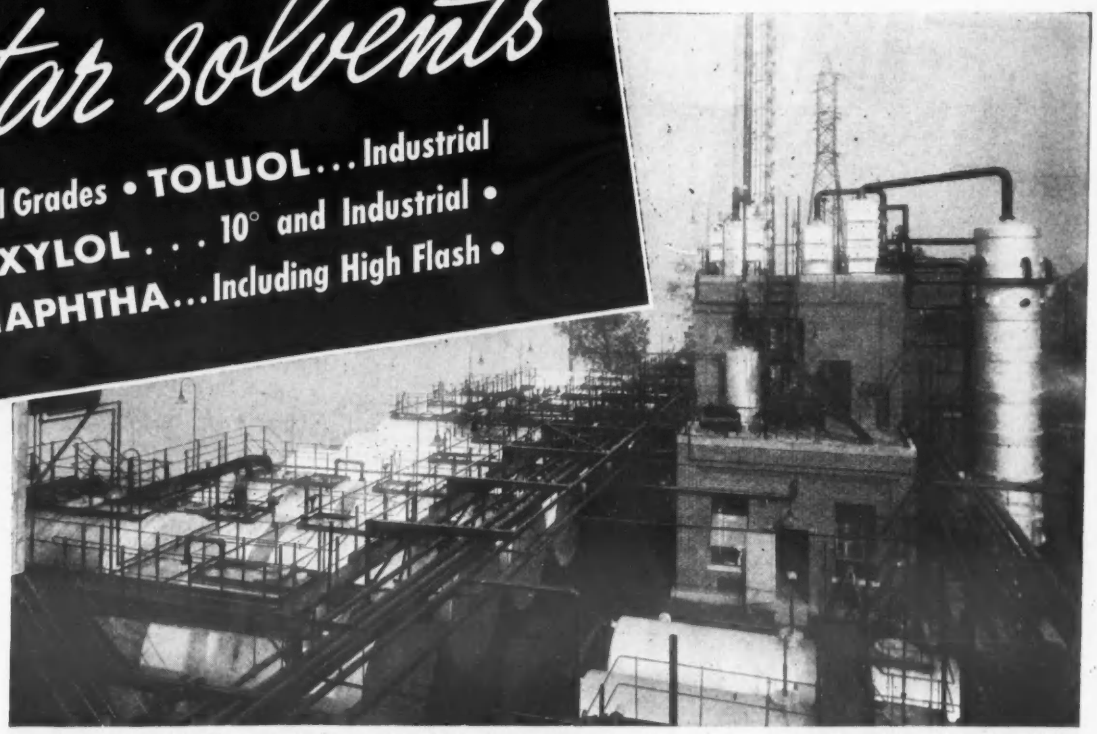
Horace C. Moses, secretary-treasurer of Wood & Selick, confectioners, and former president of the Dried Fruit Association, died August 15 in Montclair, N. J. He was sixty-eight.

Francis K. Williams, founder of the Sterling Bag Company, Brooklyn, died August 11 in East Orange, N. J., after an illness of several weeks. He was seventy-three years of age.

KOPPERS

Coal tar solvents

BENZOL... All Grades • TOLUOL... Industrial and Nitration • XYLOL ... 10° and Industrial • SOLVENT NAPHTHA... Including High Flash •



OTHER KOPPERS CHEMICALS AND SOLVENTS

Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid—(99%, pale, low-boiling—99%, pale, high-boiling) . . . Naphthalene Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous-base Paints . . . Coal . . . Coke . . . Tanks and Tank Work . . . Removal and Recovery Systems . . . Gas Plants . . . Fast's Self-aligning Couplings . . . American Hammered Piston Rings . . . Pressure-treated Lumber

Experience gained by Koppers in developing, designing and constructing a large proportion of the plants in which coal tar solvents are recovered enables Koppers to produce coal tar solvents of uniformity and dependable quality.

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REPUBLIC AMMONIUM SULPHATE

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1°—2°—90% - Motor

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Canton, Ohio • Massillon, Ohio • Gadsden, Alabama • Birmingham, Alabama

Coaltar Chemicals

—Continued from page 37

Coaltar Colors

Transactions in the market for coaltar colors were moderate last week. Spot and contract withdrawals were usually confined to nearby production requirements. Some pick-up was looked for soon in the textile trade when civilian Fall purchasing gets under way combined with increased government buying. Export inquiries held at satisfactory levels. Nothing new transpired in the prices, and the tone was one of firmness.

Exports of coaltar colors, dyes and stains during June amounted to 2,169,426 pounds, valued at $1,100,841, of which 161,895 pounds went to the United Kingdom; 479,918 pounds to Canada; 93,738 pounds to Mexico; 88,293 pounds to Argentina; 76,871 pounds to Brazil; 54,507 pounds to Chile; 243,785 pounds to British India; 712,681 pounds to China and 61,178 pounds to Australia. June imports totaled 124,224 pounds, valued at $235,039, of which 74,544 pounds came from Germany, and 36,425 pounds from Switzerland.

Kimberly-Clark Corporation, Neenah, Wis., plans an expenditure of $3,000,000 for expansion of manufacturing facilities.

J & L LIGHT OIL DISTILLATES

Commercially Pure Benzol
90% Benzol • CXP Benzol
XYLOLS (Solvent Naphtha)
Reagent Benzol • Pure Toluol
Sulphate of Ammonia

JONES & LAUGHLIN STEEL CORPORATION
PITTSBURGH PENNSYLVANIA

Phosphoric Acid Made By Maas Co. in Calif.

Production of phosphoric acid direct from phosphorus was begun recently in a new plant of the A. R. Maas Chemical Company, Los Angeles, Calif. The plant is said to be the first direct production unit to be operated West of the Mississippi.

In the new Maas plant yellow phosphorus, in a liquid state, is pumped to a special furnace and burned much like fuel oil. Dense white fumes of phosphorus pentoxide are formed and are absorbed in water to produce phosphoric acid of the highest purity in any concentration desired.

The Maas company is a pioneer in the production of various phosphates of soda in California, starting with trisodium phosphate in 1928. Before that it was the first producer in the West of soda sulphite and soda hyposulphite. It now manufactures ten compounds of phosphorus or sulphur, and has several additional compounds in the development stage.

Aluminum Antitrust Suit Recessed to Dec. 2

—Continued from page 4

the monopoly was maintained by buying out prospective competition, and that this monopoly was hampering national defense.

The government also argued that through Aluminum, Ltd., a Canadian corporation, the American monopoly was protected from foreign competition by conspiracies and cartel agreements, allocating world production and fixing world prices for aluminum.

During the trial the defense admitted supplying 100 percent of the virgin aluminum produced in the United States but denied that it had a complete monopoly because of competition from scrap and imports. As for hampering national defense, counsel for the defendant contended that the company was prepared to produce all the aluminum needed for defense purposes and still have a surplus.

FINE CHEMICALS

PENTAERYTHRITOL
Technical

A white, crystalline powder, non-toxic and conforming to standard specifications.

PENTAERYTHRITOL is a versatile and reactive compound which has already found important use in the manufacture of such products as esters, synthetic resins and emulsifiers. This polyhydric alcohol is now available in quantity at a reasonable cost. Capable of forming a host of derivatives, few of which have been fully investigated, PENTAERYTHRITOL merits the careful investigation of your Research and Development Division. Write for descriptive literature.

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Paint, Varnish, Lacquer Materials

Scarcity of Supply Causes Advance in Slab Zinc — Softwood Charcoal Advanced Sectionally — Aluminum Paste and Standard Varnish Powder Down—Naval Stores Firm

In contrast with recently easing price tendencies of other base metals, the slab zinc price was advanced by prominent sellers on August 14. The advance was due to the scarcity of the metal, most producers having only one month's supply on hand at the end of last month. The need of zinc for defense purposes has put a drain on the metal in the past several weeks.

Producers reduced prices for aluminum paste and for aluminum standard varnish powder last week. The reduction was not unexpected, it being foreshadowed by the lowering of the metal last month. The price of softwood charcoal was advanced for delivery to twenty-four states. On the whole, paint materials markets were routine. Zinc oxides were moving well but other pigments slackened. Dry color manufacturers were experiencing normal business for this time of year. A generally steady or firm tone prevailed in Southern and local markets for rosin and turpentine. Business was on a fair scale. The government was out of the market as a seller of both products.

Construction contracts awarded during July in the thirty-seven Eastern States amounted to $398,673,000, according to the F. W. Dodge Corporation. The increase over June was 23 percent and the increase over July, 1939, was 33 percent. Private construction contracts increased 19 percent over July, 1939, and public construction contracts, reflecting the beginning of awards under the defense program, increased 50 percent.

Metallic Lead and Zinc

Slab zinc was advanced ¼c. per pound to 6.50c. at East St. Louis and 6.90c. at New York last week. The advance was due to the scarcity of the metal, which was revealed when July statistics showed only a month's supply in the hands of producers, whereas three months' supply is considered normal. Pig lead was unchanged with demand fairly active during some periods of the week.

Lead. — Prevailing spot prices at New York, East St. Louis and London for the period from August 10 to August 16, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0475@.0480	$0.0460	.. * .. ..
Monday	.0475@.0480	.0460	.. .. ..
Tuesday	.0475@.0480	.0460	.. .. ..
Wedn'sd'y.	.0475@.0480	.0460	.. .. ..
Thursday	.0475@.0480	.0460	.. .. ..
Friday	.0475@.0480	.0460	.. .. ..

* London exchange closed.

Zinc. — Prevailing spot prices at New York, East St. Louis and London for the period from August 10 to August 16, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0665	$0.0625	.. .. ..
Monday	.0665	.0625	.. .. ..
Tuesday	.0665	.0625	.. .. ..
Wednesday	.0690	.0650	.. .. ..
Thursday	.0690	.0650	.. .. ..
Friday	.0690	.0650	.. .. ..

* London exchange closed.

Pigments

Litharge.—Market quiet. Price firm and unchanged.

Lithopone. — Buying less active. Shipments still satisfactory. Price steady.

Orange Mineral. — Lower price failed to attract buying interest.

Red Lead.—Market routine. Buying light despite reduction two weeks ago.

Titanium Pigments.—Demand still fairly good. Withdrawals smaller. Prices firm and unchanged.

White Lead. — Normal seasonal business reported. Price firm.

Zinc Oxides.—Buying interest still at good level. Shipments on contract heavy. Inquiry well maintained. Prices firm and unchanged.

Price Changes

Advanced

Charcoal, softwood, gran., c.l., $3 per ton, dlvd. to Ala., Ga., Del., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va., Colo., Conn., Me., Mass., N. H., R. I., Vt., Ind., Mich., Ohio and Pa.
Rosin, gum, 2c. to 14c. per 100 lbs.
Turpentine, gum, 2c. per gal.
Zinc, slab, ¼c. per lb.

Reduced

Aluminum, paste, 1c. per lb.
powder, varnish, standard, 1c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.2	126.2	126.2	131.2

Market news that may have developed after this report was sent to press will be found on page 4.

Fillers and Extenders

Asbestos.—Routine and firm.

Barytes.—Seasonal movement of stocks. Prices firm.

Blanc Fixe. — New buying conservative. Shipments light. Prices steady and unchanged.

Charcoal.—Car lot price of granular softwood material advanced $3 per ton to following levels for bag delivery:—Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., and W. Va.—$35.40; Colorado, $32; Conn., Me., Mass., N. H., R. I., Vt., $35.80; Indiana, $31; Michigan, $32.80; Ohio, $32.80 and Pennsylvania, $32.80. Prices for delivery at other points unchanged.

Graphite.—Shipments satisfactory. Inquiry light. Price unchanged.

Gypsum.—Market routine. Price firm. Production of calcined gypsum in the second quarter totaled 869,174 short tons, a 12 percent increase over the 773,634 short tons produced in the similar period of 1939. Of this, 9,584 short tons were used in plate-glass and terra-cotta works, compared with 7,164 in April-June, 1939; 4,436 tons were used in pottery works, compared with 4,037 in the same period last year; 2,564 tons were used in dental and orthopedic plasters, compared with 2,475 and 13,860 tons went to other industrial uses, compared with 11,839. A total of

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Association meetings:—
Production Clubs, Oct. 28-30, Washington.
Paint, Varnish and Lacquer, Oct. 30-Nov. 1, Washington.

Roll in the Barrels
of
PARADURA 540
an outstanding heat-hardening 100% pure phenolic.
PARANOL 54-E
an extremely hard, modified phenolic, very pale and soluble in mineral spirits.
PARANOL 1650
a low-priced modified-maleic resin, pale and hard.
and Roll out Better Finishes

PARAMET SYNTHETIC RESINS

SAMPLES AND DETAILS AWAIT YOUR REQUEST.

PARAMET CHEMICAL CORPORATION
MANUFACTURERS OF SYNTHETIC RESINS
44TH AVENUE AND 10TH STREET • LONG ISLAND CITY, N. Y.

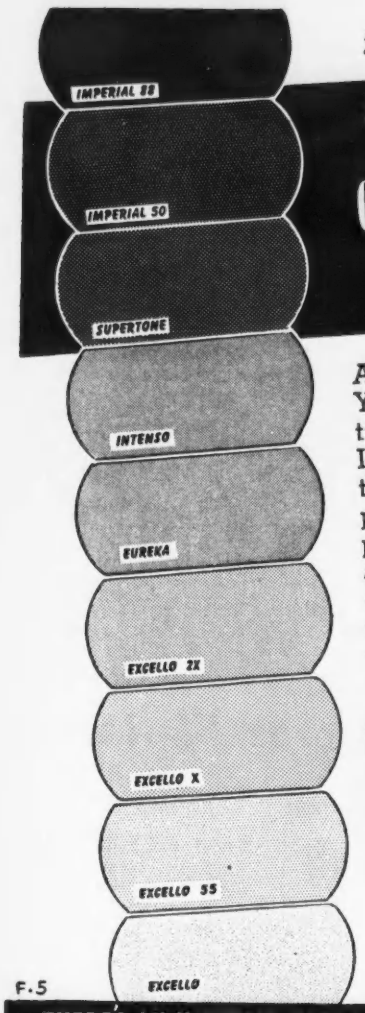
R. W. Greeff & Co. Inc. RWG New York, U.S.A.

INDUSTRIAL AND PHARMACEUTICAL
Chemicals

ACETONE
ALLYL ALCOHOL
ALLYL CHLORIDE
BUTYL ALCOHOL
(Secondary)
BUTYL ALCOHOL
(Tertiary)
DIACETONE
ISO PROPYL ALCOHOL
ISO PROPYL ETHER
METHALLYL ALCOHOL
METHALLYL CHLORIDE
METHYL ETHYL KETONE

Selling Agents for Shell Chemical Co.

R.W. GREEFF & CO.
10 ROCKEFELLER PLAZA, NEW YORK CITY



No. 5 of a series

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Any carbon black won't do! Your product demands a particular type, and if it's an Imperial black it's sure to be the right grade for the purpose. Your own particular problem dictates your choice, although Imperial technicians can help you make the right selection from a complete line of blacks for paints, enamels, and lacquers.

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OIL & GAS PRODUCTS CO.
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CARBON BLACKS
LABORATORY CONTROL — UNIFORM QUALITY

Let IMPERIAL help you meet your problem with the right carbon black!

F-5

THERE'S AN IMPERIAL CARBON BLACK FOR EVERY PURPOSE

STEARATES

ZINC STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE

Stocks at
- NEW YORK
- CHICAGO
- ST. LOUIS
- KANSAS CITY
- DES MOINES
- LOS ANGELES
- SAN FRANCISCO
- NEW ORLEANS

FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9, BUSH TERMINAL — BROOKLYN, N.Y.

Shawnee
DRY COLORS
"Color Content Guaranteed"

Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Ultramarine Blue

KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

SUCO

Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products

STANDARD ULTRAMARINE CO.
HUNTINGTON WEST VIRGINIA

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

"JEWELERS AND BLACKSMITHS"

● In this organization we do not give the jeweler's job to the blacksmith — or vice versa. We know that policy results in stagnation, for in order to *pioneer and develop,* one must know his particular field from all angles. Hence, we do not install a master mechanic or an accountant to head our Drier Dept. We select a man who *knows Driers*—their Manufacture, Sale and *Development* possibilities. Therefore, in presenting the New "Dryall" Liquids, and additional New Solids, we are confident that after trial you will decide their Formulation is sound. Prices are reasonable and Development worthwhile.

DRIERNOTES *No. 2*

"Dryall" Liquids

1. The logical sequence to the success attained by "Dryall" Manganese-Lead Solids.
2. Formulated on a sound basis and hence contain no harmful ingredients which may cause thickening or gelling of Paints, Enamels, etc.
3. Free Flowing, stable Liquids, easily cut cold with Mineral Spirits to give the desired working concentrations.
4. Free of objectionable odor, and hence especially suitable for Interior Finishes.
5. Low in content of "non-drying radical" — assuredly an advantage in any coating made to *dry*.

"Dryall" Cobalt Liquid 4%
"Dryall" Manganese Liquid 4%
"Dryall" Lead Liquid 16%
"Dryall" Concentrated Liquid Japan No. 182
"Dryall" Concentrated Liquid Japan No. 1210

Additional New Solids

"Dryall" Manganese-Lead No. 130—1% Mn, 30% Pb
"Dryall" Cobalt-Lead No. 2222—2.2% Co, 22% Pb
"Dryall" "Specification" Manganese-Lead No. 315 —3% Mn, 15% Pb

Standardization on "Dryalls" will benefit *your* production in several ways. We will gladly cooperate on their application.

W. S. Chase

"DRYALL" Chemical Driers—Logical Choice for Coatings made to DRY.

THE CHASE DRIER & CHEMICAL COMPANY

35TH AND SMALLMAN STREETS PITTSBURGH, PA.

7,303 short tons were used in Keene's cement, compared with 7,781 in the similar period of 1939. In the same period this year, 223,152 short tons were used as Portland-cement retarder, an 11 percent gain over the 201,777 tons of April-June, 1939.

Dry Colors

Carbon Black.—Market routine with price firm. According to the Texas Railroad Commission, Texas produced 1,286,069 pounds of this color in June, compared with 1,284,248 pounds in May. June, 1939, production was 1,065,742 pounds.

Carmine No. 40.—Little of new interest. Market routine. Price steady.

Iron Blues.—Buying interest well maintained. Shipments regular and in good volume. Prices firm and unchanged.

Mercuric Oxides.—Prices still held at same levels despite weakness in mercury. Demand slack.

Ocher.—Seasonal movement of stocks. Price steady.

Sienna.—Routine. Italian material scarce. Prices unchanged.

Umber.—Little of new interest. Prices unchanged.

Vermilion.—Demand sluggish. Quicksilver vermilion held to previous level.

Driers

Spot buying interest in stearates and palmitates was small last week. Contract shipments were fairly regular but were not large in volume. Prices were steady and unchanged.

Naval Stores

Southern and local markets for rosin and turpentine had a steady or firm tone last week. The government was out of the markets as a seller and at times the trend of prices was upward. Domestic business was on a fair scale, though buyers in some cases were disposed to adhere to a very conservative course after making rather liberal purchases recently.

Some were inclined to hold off pending the enforcement of the proposed amendments to the regulations covering the distribution of supplies held by the government under loans to producers. There were unconfirmed rumors current to the effect that a few of the contracting distributors may decide to become independent dealers instead of taking supplies from the government, chiefly because of the reduction or discontinuance of the discount on rosin takings.

As to the production for the current season, there has been a tendency in some quarters recently to reduce estimates of the output, the indications now pointing, in the opinion of some, to a decrease as compared with last season instead of the increase of around 25 percent that had been expected by many earlier in the year.

Turpentine.—Purchasing in the local market was generally limited to comparatively small or moderate quantities to meet the current needs of consumers, the movement of such lots being fair. The market had a firm tone.

SAVANNAH, Aug. 16.—Following is a record of the turpentine market for the week:—

	Gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
*Saturday..	..	...	...	...	.....
Monday	21½	6,400	140	12	13,923
Tuesday ...	21¾	1,650	138	33	14,028
Wednesday..	22¼	4,300	202	...	14,230
Thursday...	22⅝	250	64	334	13,960
Friday.....	23¼	3,150	78	194	13,844

* No trading.

Markets at Other Centers

Chicago—Aug. 16

Turpentine is rather quiet. Ruling prices at the close of business last night were:—Five-drum lots, 33c. per gallon; five wood barrels, 38c.; single drums, 36c.; single barrels, 41c.

JACKSONVILLE, Aug. 14.—Turpentine receipts 607 barrels; shipments 1,398; stock 29,437.

PENSACOLA, Aug. 10.—Turpentine receipts 339 barrels; shipments 162; stock 10,699.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

YOUR
confidence
IMPOSES OBLIGATIONS
WHICH WE
ENDEAVOR TO FULFILL

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Pigment Color Division GLENS FALLS, N. Y.

The largest manufacturers of chemical pigment colors in America

Branch Offices and Warehouses:
Boston New York - Philadelphia Cleveland - Detroit Cincinnati
Pittsburgh - Seattle - Chicago - St. Louis - San Francisco
Baltimore Dallas - Los Angeles - Louisville

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MARINE
MAGNESIUM
PRODUCTS CORPORATION
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Original Producers of
MAGNESIUM SALTS
Directly from SEA WATER
A dependable source of supply for
MAGNESIUM CARBONATES
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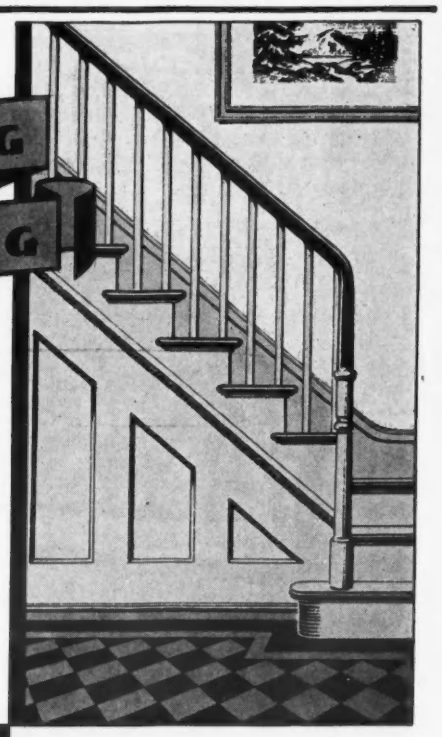
NEW YORK OFFICE: Whittaker, Clark & Daniels, Inc. 260 West Broadway
CHICAGO OFFICE: Harry Holland & Son, Inc. 400 W. Madison St.
ST. LOUIS OFFICE: G. S. Robins & Co. 126 Chouteau Ave.

PLEASING
ENDURING
the brightness of inside trim paints pigmented with
MAPICO YELLOWS
LIGHT LEMON • LEMON • ORANGE • DARK ORANGE • DARK ORANGE SPECIAL



MAPICO Colors
PURE OXIDES OF IRON
YELLOWS
REDS
BROWNS
BLACK

MAPICO YELLOWS help the manufacturer to produce paint of high coverage and hiding in a variety of pleasing shades—without excessive cost. These pure oxides of iron are superior pigments—stronger, more brilliant and more uniform than earth colors and permanently unaffected by destructive elements. Moreover, even when blended with extender to produce a wide range of creams, ivories and buffs, they do not fade, and they preserve a fine glossy film. Why not try them?

ECONOMY—The high tinting strength of Mapico Yellows makes necessary only a small percentage of pigment with resulting economies.

Technical Inquiry is Invited

MAGNETIC PIGMENT CO.
BINNEY & SMITH CO., *Distributor*
41 East 42nd Street, New York, N. Y.

LONDON, Aug. 16.—Turpentine, 53s. per 112 pounds.

Rosin.—The local market had a firm tone last week in company with the primary point where the trend of some grades was upward at times. Business here lacked snap but there was a fair movement of moderate quantities.

SAVANNAH, Aug. 16.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted—					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B		$1.15	$1.15	$1.15	$1.15	$1.15
D		1.22	1.22	1.22	1.22	1.33
E		1.34	1.34	1.34	1.34	1.43
F		1.62	1.65	1.65	1.67	1.67
G		1.62	1.65	1.65	1.70	1.74
H		1.62	1.65	1.65	1.70	1.74
I		1.62	1.65	1.65	1.70	1.74
K		1.64	1.65	1.65	1.70	1.74
M		1.70	1.70	1.70	1.75	1.78
N		1.87	1.87	1.87	1.92	1.95
WG		2.15	2.15	2.15	2.20	2.20
WW		2.35	2.35	2.35	2.35	2.35
X		2.37	2.37	2.37	2.40	2.40
	Barrels					
Sales..... ...		174	108	...	123	122
Receipts. ...		200	1,668	...	467	810
Shipments ...		2,029	1,700	91	...	4,130
Stocks... ...		...	...	...	...	163,206

* No trading.

JACKSONVILLE, Aug. 14.—Rosin receipts 2,356 barrels; shipments 652; stock 309,937.

PENSACOLA, Aug. 10.—Rosin receipts 1,067 barrels; shipments 1,047; stock 47,206.

Markets at Other Centers

Chicago—Aug. 16

Inquiry for rosin is reported fair. Ruling prices at the close of business last night in 5-19 drum lots were:—B grade, $2.45 per hundred pounds net; G grade, $2.80; M grade, $2.86; W.W., $3.50.

LONDON, Aug. 16.—Rosin, W.W., 32s. 6d. per cwt.

Other Naval Stores

Pine Oil.—Spot trade fairly active. Market tone steady.

Pitch.—Demand generally limited to moderate lots. Prices firm.

Rosin Oil.—Tone steadier., Fair movement of moderate quantities.

Tar.—Quotations maintained at former levels. Business fairly active.

Lacquer Materials

A satisfactory interest was displayed in the market for most lacquer materials and solvents last week. With the resumption of automotive output on the new models, better support was looked for from this important consuming channel. Broader operations in other consuming channels also were expected to give the market added stimulus. Prices lacked any new developments of importance, and the tone of the market continued steady to firm.

Acetone.—Shipments continued moderate. Prices underwent no change, and a steady to firm tone prevailed. June exports 1,202,118 pounds, valued at $108,496.

Amyl Acetate.—Call for technical grade steady. Prices held the same, and tone was one of firmness. June exports 18,684 pounds, valued at $2,892.

—Continued on page 43

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Hardwood Charcoal Price Plans Hit

—Continued from page 3

various agreements having the effect of preventing price competition; that the Hardwood Charcoal Company and the Manufacturers Charcoal Company from 1932 to 1937 exchanged price and other information and in 1933 agreed to allot territories between themselves on a quota basis, the Hardwood company paying the Manufacturers company brokerage for handling the product of members of the Hardwood company's group, and that members of the Manufacturers' Charcoal Company group from November, 1936 to January, 1937, purchased the entire output of Canadian charcoal entering the United States so as to prevent its competition with their product.

The commission order directs that the Hardwood Charcoal Company, the Manufacturers Charcoal Company, the Cliffs Dow Chemical Company, the Tennessee Eastman Corporation, and their officers, directors, and employees, directly or indirectly, or while the Hardwood and Manufacturers companies are acting on their own behalf or that of the members of their groups or other charcoal producers, are to cease and desist from fixing or maintaining, pursuant to agreement, understanding, or combination, identical delivered prices at which hardwood charcoal is to be sold by them to distributors or dealers at any destination. The Manufacturers and Hardwood companies are directed, pursuant to agreement or understanding, to cease (1) fixing or maintaining identical or uniform resale prices; (2) alloting territories for sale of products of the members of their respective groups; (3) limiting severally and reciprocally the respective quantities of hardwood charcoal which each sells to its respective customers; (4) refusing to solicit customers of each other; (5) limiting the number of distributors or dealers to whom each shall sell; and (6) exchanging information as to delivered prices, sales policies, and other matters for the purpose of effectuating agreements to fix identical or uniform delivered prices.

The Hardwood Charcoal Company, while acting on behalf of itself or members of its group, and the Tennessee Eastman Corporation, and their officers or representatives, are ordered to discontinue, pursuant to agreement or understanding, filling orders for hardwood charcoal for each other from dealers or distributors throughout the United States in bags or receptacles bearing the trademark or trade-name of the seller without a statement on such containers that the contents thereof were packed for the seller. The respondent producer members of the Manufacturers Charcoal Company group, are directed to cease, by means of contract, agreement, or understanding, from constituting that company as their exclusive sales agent during any specific period and also from acting by any means or method to purchase the entire or a substantial proportion of Canadian hardwood charcoal shipped into the United States so as to eliminate competition therewith.

The commission dismissed as to the Tennessee Products Corporation, the Forest Products Chemical Company, and the Crossett Chemical Company, certain allegations in its amended complaint pertaining to an alleged understanding and agreement among those three companies to eliminate and suppress competition through formation of the Hardwood Charcoal Company, such dismissal being without prejudice to its right to issue a new complaint containing such allegations should future facts warrant that procedure in the public interest.

Carbon Black Dramatized In Cabot Co. Booklet

The industrial highlights of Cabot carbon black are presented in a booklet published by Godfrey L. Cabot, Inc. Largely illustrative, the volume depicts the various commercial uses of carbon black, and shows the numerous plants operated in Texas and Oklahoma by the company for the production of the material. A section is also devoted to a picturization of the exemplary working conditions in the plants. Copies of the booklet may be secured from Godfrey L. Cabot, Inc., 77 Franklin street, Boston, Mass., on mention of the REPORTER.

1920 **Butanol** 1940

The First Lacquer Solvent Is Still First Today!

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Here It Is:
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ACETONE, U. S. P.
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Terre Haute, Indiana
Cable Address "Comsolvent" New York.
See Our Exhibit at the Seventh National Exposition of Chemical Industries

A reproduction of the first advertisement for Commercial Solvents' Butanol published in plain black and white, in Chemical Age for August 1921.

IN 1920 Butanol came into commercial production, making possible for the first time the manufacture of quick-drying lacquer finishes, and thus revolutionizing the automobile industry, the furniture industry and many others. In the twenty years intervening, many good solvents have entered the market, yet — today as twenty years ago — Butanol, the first of the lacquer solvents, still holds first place.

Unvarying in quality, its price greatly reduced, the uses of Butanol have steadily increased until today it serves with new and varied usefulness not only in the protective coating industry but in many other industries as well.

COMMERCIAL SOLVENTS *Corporation*

17 EAST 42nd STREET
NEW YORK, N. Y.

N.Y. Paint Club Names 1940-41 Committees

Chairmen of the various standing committees named by the New York Paint, Varnish and Lacquer Association for the 1940-41 association year are:—Trade sales, Ralph H. Everett, of the Keystone Varnish Company; industrial sales, Paul S. Kennedy of the Murphy Varnish Company; program-entertainment, Page N. Hamilton, of the Harshaw Chemical Company; membership, Samuel Klein, of the Calco chemical division of the American Cyanamid Company; production, Everett J. Cole, of the Manufacturers Varnish Company; clean up and paint up, S. E. Horn, of the A. C. Horn Company; constitution and by-laws, H. M. Howard, of the Thibaut & Walker Company; Martin B. Weinstock, of the M. J. Merkin Paint Company; legislative, Olav J. S. deBrun, of Egyptian Lacquer Manufacturing Company; publicity, M. W. Butler, of *American Paint Journal;* raw materials, J. P. Dunphy, of the New Jersey Zinc Company; traffic, J. J. A. Wenzenried, of the Devoe & Raynolds Company, and transportation, G. Austin Wharry, of G. A. Wharry & Co.

Paint Materials

Lacquers

—Continued from page 42

Butyl Acetate.—Movement of normal and secondary remained at satisfactory levels. Sellers adhered to quotations in force previously. June exports 598,059 pounds, valued at $58,078.

Butyl Alcohol.—Replacements moderately active. Pricewise a firm tone remained in evidence. June exports 461,441 pounds, valued at $34,949.

Cellulose Acetate.—Steady to firm price tone, with shipments moderate.

Diamyl Phthalate.—Routine interest. Prices lacked any change.

Ethyl Acetate.—Transactions display some spottiness, but interest sufficient to keep market position favorable.

Isopropyl Acetate.—Quotations unchanged and firm. Withdrawals fairly steady.

Shellac

Demand for shellac continued in the groove established for some time past. Buyers bought fairly well ahead in some instances but oftentimes the purchasing was against immediate requirements and, often, involved rush shipment of goods. Prices showed firmness and stability at all times. Competition was repressed and compressed by the absence of price weakness in the Calcutta market. Cost to replace current spot stocks showed a deal of strength and sellers at the source appeared able to await the development of a more urgent need than had reached them from America in the recent past.

Bronze Powders

Standard varnish powder was reduced 1c. per pound to 38c. and aluminum pastes were lowered a similar amount to the following levels:—extra fine lining, 61c. per pound; ink, 71c. and standard, 38c. Prices are for 1,500 pounds or more packed in drums. The reductions resulted from the lowering of the metal price three weeks ago.

Varnish Gums

Market quiet and prices firm. Imports of varnish gums into the United States during the first six months of 1940 were 47,752,977 pounds, valued at $4,086,876, compared with the January-June, 1939, figures of 38,971,003 pounds, valued at $2,335,386.

Synthetic Resins

Withdrawals of ester gum against contracts were routine and not of large volume last week. Spot demand was sluggish. Price was steady and unchanged.

Glues and Binders

Casein.—Spot demand light. Consumers had booked heavily several weeks ago. Better inquiry last week indicated a pick-up to be expected in the near future. Domestic and Argentine material firm and unchanged in price.

Glues.—Market less active. Prices steady for bone and hide glues.

Credit Convention Minutes Ready for Distribution

Copies of the minutes of the meeting of the credit executives of the paint, varnish, lacquer and wallpaper industry, held in conjunction with the first international and forty-fifth annual credit congress of the National Association of Credit Men, at the Royal Park Hotel, Canada, May 19-23, may be obtained free from Milton M. Salaun, of the Marine Paint & Varnish Company, Fig and Dante streets, New Orleans, La.

Mr. Salaun has been made chairman of the paint, varnish and lacquer and wallpaper committee, which group will also have charge of that phase of the program at the New Orleans credit congress of the National Association of Credit Men to be held in May, 1941. Other members of the committee are:—Alice R. Smith, of the Tuttle Paint & Glass Company, El Paso, Tex.; Fred J. Hamerin, of the Lilly Varnish Company, Indianapolis, Ind.; A. R. Gilmore, of the Sherwin-Williams Company, St. Louis; and E. N. Ronnau, of the Cook Paint & Varnish Company, Kansas City, Mo.

Perry & Derrick Company, paint and varnish manufacturer, Dayton, Ky., plant was rocked by an explosion of a varnish tank in a basement storage room August 13. An employee was killed and damage to the plant was placed at $1,000.

FILAC
CLEAN SOLUBLE NITRATE FILM SCRAP
HORN, JEFFERYS & CO.
BURBANK, CALIFORNIA
"Available in Flakes"

Replace Imported Silicas with
SILVATEEN FOAM AA
● Here is a newly perfected silica that is taking the place of German Imported Schultz Silica and Neuberger Chalk. Has excellent colloidal suspension and polishing qualities. Ideal for manufacture of Government Metal Polishes.
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ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for thirty years by
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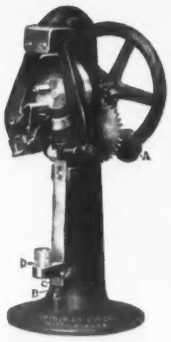
COLTON TUBE CLOSER
For Hand Operation
Triple-folds ends of collapsible metal tubes. Available in two sizes for tubes up to 1½ inches in diameter. Capacity: Twenty tubes per minute.
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FOREIGN WHITING and WHITE CALCIUM CARBONATE
Are in Short Supply
USE Limeolith
A SUPERIOR PRECIPITATED CALCIUM CARBONATE
Manufactured and produced in the U. S. A. for industrial usage.
Reasonable in cost—White in color and always available
It may solve your supply problem
KANSAS CITY LIMEOLITH CO
Exclusive Sales Agents
THOMPSON-HAYWARD CHEMICAL COMPANY, 2915 Southwest Blvd., KANSAS CITY, MO.

mineral pigments
NATURAL AND SYNTHETIC
PURE CHROMIUM OXIDES
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STRONG - INERT - PERMANENT
C K WILLIAMS & COMPANY
EASTON·PENNSYLVANIA

Gypsum Patent 'Trust' Assailed in Civil Suit

—Continued from page 5

facturers to resell gypsum board, purchased from the defendant companies, at uniform and noncompetitive prices artificially fixed and determined.

This is the third proceeding brought by the government against members of the gypsum industry resulting from investigations by the Department of Justice and by a federal grand jury in the District of Columbia. June 28 two indictments were returned by the grand jury which charged five of the leading gypsum manufacturer and nine individuals with an unlawful combination and conspiracy in violation of sections 1 and 3 of the Sherman act. The present proceeding supplements the action of the grand jury and represents an effort completely to remove competitive abuses alleged to exist in the gypsum industry.

Through this complaint the government seeks to have the court decree that the patent licensing agreements existing between the defendant companies are in violation of the Sherman antitrust act. It petitions cancellation of these agreements. The government also seeks to have the defendants perpetually enjoined from again entering into any patent licensing agreements which seek to control prices or distribution practices, and asks that they be required to obtain judicial consent to enter into any license agreements relating to gypsum products.

The corporations named in this latest complaint are the Celotex Corporation, the Certain-teed Products Corporation, the Ebsary Gypsum Company, the National Gypsum Company, the Newark Plaster Company, and the United States Gypsum Company.

Robert M. Salter has been elected director of the North Carolina Agricultural Experiment Station.

Carborundum Company is planning to erect a $6,000 factory building as an addition to its plant at Niagara Falls, N. Y.

Inert Materials Role in Paints

—Continued from page 3

Calcium Carbonate (Cont'd):—
- Regular type
- Extremely fine ("Multifex")
- Surface treated with organic acid ("Surfex")

Magnesium carbonate

Silica

Quartz
- Standard types
- Extremely fine

Diatomaceous silica
- Coarse
- Fine

Magnesium silicates and related minerals
- Fibrous talc ("Asbestine")
- Plate talc
- Pyrophyllite talc ("Pyrax B")
- Calcium and magnesium carbonates and silicates ("Metro-Nite")

China clay
- Imported English
- Domestic

Miscellaneous
- Mica
- Soapstone
- Slate flour
- Keystone filler
- Pumice

Following is a partial list of the properties of extenders that influence their value and specific function in paints:—

1. Particle size and size distribution.
2. Particle shape.
3. Texture, that is, whether soft and pulverent like whiting or hard like quartz silica.
4. Chemical reactivity. This refers not only to basicity or alkalinity, but also to reactivity with vehicle because of surface treatment with polar compounds, such as Surfex.
5. Oil-absorption value.
6. Color.
7. Specific gravity.

Among the properties of paint that are affected by the kind and amount of extender are:—

1. Settling and caking.
2. Consistency.
3. Working.
4. Flowing.
5. Drying.
6. Gloss.
7. Color.
8. Hiding.
9. Sanding.
10. Sealing or "holding out" qualities.
11. Washability.
12. Yellowing.
13. Water resistance.
14. Water sensitivity.
15. Adhesion to metal.
16. Corrosion resistance.
17. Exterior durability.

There are at least two possible approaches to the more complete development of the subject of extenders. The first is to take up each extender separately, discussing the properties that it imparts to paints and its application in various types of paint products. The second is to take up various types of paint products and discuss the advantageous use of extenders in them. The latter approach is considered the more helpful and will be followed.

(To be continued)

Cleveland Paint Club Holds Golf Tournament

The Cleveland Paint, Varnish and Lacquer Association had an afternoon of golf at the Acacia Country Club August 2. There were thirty-five playing golf and about thirty stayed for the dinner.

E. Forth, president of the Cleveland Association, has donated a trophy, and the committee is working on plans for awarding it. The winners were as follows:—

Homer Easterday, of the Anderson-Prichard Oil Company; Mike Weppner, of the Ohio Mineral Spirits Company; Fred Hinz, of the J. H. Hinz Company; A. Mazeika, of the Pittsburgh Plate Glass Company; Charles Gallagher, of the Benjamin Moore Company; H. Craig, of the Diamond Alkali Company, and Phil Pyper, of the A. G. Watt Company.

International Nickel Makes Deller Patent Counsel

Dr. Anthony W. Deller has been named patent counsel for the International Nickel Company. He will head a newly created patent department of the company. Dr. Deller, who maintained law offices in this city, is an outstanding patent attorney and is widely known here and abroad. He has been chief consultant on patent affairs for the International Nickel Company for the past ten years. The new department will embrace all of his former associates who have been engaged in the patent work of the company in the past and will occupy the same offices as heretofore.

Sherwin-Williams Plans Chicago Plant Expansion

—Continued from page 4

erection of one 300x100-foot monitor type single story building for chemical manufacturing.

The Sherwin-Williams Company has numerous plants and warehouses in the United States, besides conducting operations in Canada, England, Australia, Cuba, and the Argentine. The company manufactures paint and is a producer of practically every type of paint, varnish, stain, lacquer, and protective covering material; in addition to chemicals, insecticides, pigments, dry colors, vehicles and drying oils, intermediates and dyes; and operator of mines, smelters, can and package plants.

G. A. Martin, who first came with the company with the purchase of the Calumet Paint Company in 1888, and who successfully headed many divisions of the company, is president, an office to which he was elected in 1922. A. W. Steudel, who came with the company in 1908, is vice-president and general manager. Dr. N. E. Van Stone, vice-president and director of manufacturing, came into the chemical end of the business in the Chicago plant in 1918, and was in charge of this division of the company until he was made vice-president in charge of manufacturing in 1938, at which time he was transferred to the general offices in Cleveland. W. A. Miller is general superintendent in charge of the Chicago plant.

Paint section of the Greater New York Fund contributed $14,126 to the charity drive in 1940.

Pittsburgh Plate Glass Company salesmen in the Baltimore area gathered in the Lord Baltimore hotel to hear details on a campaign by the company for the sale of "Gold Stripe" brushes.

ACCELERATED EXPOSURE TESTS

PRICE OF TESTS:
1 sample...10c per panel per hour. Each additional sample...1½c per panel per hour.

PRODUCING ACTUAL WEATHERING ON OUTDOOR
PAINTS, VARNISHES, LACQUERS, ENAMELS
Standard Weather-Ometer Test

What effects have light, heat, moisture, or cold upon your outdoor finishing materials? How much weathering can they stand before noticeable deterioration?

Our Accelerated Exposure Tests determine quickly and scientifically the effects of outdoor exposure on outdoor paints, varnishes, lacquers, enamels, coated fabrics, and other materials used out-of-doors. These tests produce the identical effect of outdoor weathering, inducing the same degree of deterioration. They operate continuously on 24-hour cycles...thirty 24-hour cycles equaling one year of actual outdoor exposure for most products.

We invite inquiries from manufacturers and users of outdoor finishing materials interested in safeguarding consumer satisfaction for their products!

UNITED STATES TESTING COMPANY, INC.
ESTABLISHED 1880
HOBOKEN, NEW JERSEY
NEW YORK PHILADELPHIA GREENSBORO WOONSOCKET CHICAGO

Oils, Fats, and Waxes

Cottonseed Oil and Lard Futures Down to New Lows—Further Decline in Tallow—Linseed Oil Again Shaded—Animal and Fish Oils Reduced—Business Continues Quiet

An easy tone continued to prevail in the market for miscellaneous oils, fats and grease last week, supplies being available in many instances at further concessions in prices. Cottonseed oil and lard futures dropped to new low levels and purchasing of other oils and fats was still generally limited to small lots to fill current needs. A development of interest was the publication of the monthly cottonseed report from the Census Bureau. This showed that consumption of refined cottonseed oil during the season ended with July was 3,378,350 barrels, or 318,483 barrels more than in the previous season.

An official government order issued last week and effective November 1, provides that lard produced under Federal inspection be made from selected, fresh, fatty tissues from healthy hogs, with or without lard stearin or hardened fat. In a survey of the fats and oils situation the Bureau of Agricultural Economics at Washington stated that improvement in industrial activity in the United States in 1940-41, resulting in part from increased defense expeditures, will be a factor tending to strengthen the demand and prices for domestic fats and oils.

Chinawood Oil

The local market for chinawood oil retained a firm tone last week, and general conditions remained about as noted in the previous week. Few transactions were reported, although inquiries were not lacking. Supplies in the hands of importers were still light, and there was no increase in offerings for arrival. Much uncertainty still prevailed here concerning future shipments from abroad. Local quotations were stationary. Los Angeles reported the arrival of 126,000 pounds.

SAN FRANCISCO, Aug. 14.—Chinawood oil in moderate demand, mostly for close-up positions. Quoted on basis of 24½c. per pound in tankcars, f.o.b. San Francisco.

Vegetable Oils

Castor, Dehydrated.—Tankcar price reduced to 13c. per pound. Steady contract movement. New business quiet.

Coconut. — Tone easy. Crude reduced ⅛c. Refined unchanged. Trade quiet.

Corn.—Quiet and easy. Quotations shaded ⅛c. Offerings light. Corn crop officially estimated at 2,248,246,000 bushels; last year 2,619,137,000 bushels were produced.

Cottonseed.—Edible oil reduced 1c. Trade fairly active.

Olive.—Offerings light. Quotations generally nominal. Good inquiry for denatured.

Palm.—Niger shaded ⅛c. on spot. Trade quiet. Supplies and shipment offerings light.

Peanut. — Easier with competing products. Nominal quotations reduced ¼c. Peanut crop estimated August 1 at 1,521,705,000 pounds; last year 1,179,505,000 pounds were produced.

Perilla.—Quiet and easy on spot. Nominal quotations reduced ¼c.

Soybean. — Easier with competing oils. Quotations reduced ½c. Trade quiet. Condition of crop grown for soybeans alone on August 1 was 79 percent, against 89 percent last year.

Markets at Other Centers

Chicago, Aug. 19.—Vegetable oils are slow.

COCONUT.—Crude, Pacific Coast, August-forward, 2¾c. per pound. Refined, edible oil, 8½c. to 9c. per pound, drums, car lots; and 9c. to 9½c., drums, less than car lots.

CORN.—Crude, low acid, 5¼c. to 5⅜c. per pound. Refined, edible oil, 8¼c. to 8¾c. per pound, drums, car lots; and 8¾c. to 9c., drums, less than car lots.

SOYBEAN.—Crude, 4½c. to 4⅝c. per pound.

The market for soybeans on the Chicago Board of Trade was quieter. Price changes moderate. Following is a soybean price record, per bushel, for the week:—

	High.	Low.	Closing Aug. 16.	Closing Aug. 9.
October	68½	67¼	67¼	68½
December	69	67⅞	67½	67½

Price Changes

Advanced

Carnauba, No. 3 chalky, 3c. per lb.
No. 3 North Country, 3c. per lb.
No. 1 yellow, 6c. per lb.
No. 2 yellow, 6c. per lb.
refined, 6c. per lb.

Reduced

Castor oil, dehydrated, 1c. per lb.
Coconut oil, crude, ⅛c. per lb.
Corn oil, ⅛c. per lb.
Cottonseed oil, crude, ¼c. per lb.
Cottonseed oil, edible, 1c. per lb.
Grease, ¼c. per lb.
Lard, 25c. to 50c. per 100 lbs.
Lard compound, 25c. per 100 lbs.
Lard oil, ⅝c. to1½c. per lb.
Linseed oil, 1-10c. per lb.
Menhaden oil, refined, 4-10c. per lb.
Neatsfoot oil, ⅜c. to 1c. per lb.
Oleo oil, ⅛c. per lb.
Palm oil, Niger, ⅛c. per lb.
Peanut oil, ¼c. per lb.
Perilla oil, ¼c. per lb.
Sardine oil, refined, 4-10c. per lb.
Soybean oil., ⅛c. to ½c. per lb.
Tallow, ⅛c. per lb.
Tallow oil, ⅛c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
94.6	**99.8**	**100.4**	**95.2**

Market news that may have developed after this report was sent to press will be found on page 4.

San Francisco, Aug. 14.—Vegetable oils generally quiet.

COCONUT—Sellers at 2⅜c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills. In some cases oil can be purchased at 2¼c. Best bids in market today reported at 2⅛c. Copra quiet at 1.37½c. to 1.40c. per pound.

OITICICA—Raw, liquid oil quoted at 19½c. per pound in drums, f.o.b. San Francisco.

BABASSU—Quoted at 5⅛c. per pound in tankcars, f.o.b. Pacific Coast mills.

COTTONSEED — Domestic bleachable oil quoted 6c. per pound in tankcars, f.o.b. northern California mills.

PERILLA—Quoted 16¼c. per pound in tankcars, duty paid, f.o.b. San Francisco. Market moderately active.

RAPESEED—Argentine rapeseed oil quoted nominally at 8¾c. per pound in tankcars, duty paid, f.o.b. San Francisco. Japanese not offering.

WALNUT—Crude California oil quoted nominally at 7c. per pound in tankcars, f.o.b. Pacific Coast.

Linseed Oil

Flaxseed prices irregular. Linseed oil easier. Cake and meal steady.

Flaxseed—DULUTH, Aug. 16.—During the last week flax prices have advanced materially and new crop marketings have increased. The week's closing price range was as follows:—

	Cash.	Sept.
Saturday	$1.52½	$1.48½
Monday	1.54	1.50¾
Tuesday	1.57½	1.53½
Wednesday	1.57½	1.53¾
Thursday	1.54	1.50
Friday	1.53	1.49

Crop movement in bushels follows:—

	Receipts 1940.	Receipts 1939.	Shipments 1940.	Shipments 1939.
This week	49,569	37,613	376	.....
Since Aug. 1..	54,167	37,613	3,488	.....

MINNEAPOLIS, Aug. 16.—The inrush of new crop flaxseed was surprisingly swift after several dry days permitted threshing rigs to get into Minnesota fields and the new crop season is now well on its way. Crushers are stepping up their capacity as fast as new machinery is placed and oil reserves will be built up again. Old crop reserves were nearly depleted before the new flax crop started to move in volume.

Local elevator stocks of seed increased but 30,000 bushels in the past three days compared with an increase of 205,000 bushels last year.

With the exception of scattered showers the harvest weather in Minnesota and Iowa was good for at least a week and threshing was rushed.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.49½	$1.47	$1.47½
Monday	1.51	1.49	1.49
Tuesday	1.54½	1.52½	1.52½
Wednesday	1.54½	1.52½	1.52¼
Thursday	1.51	1.49	1.48½
Friday	1.50	1.48	1.47½

Crop movement in bushels follows:—

	Receipts 1940.	Receipts 1939.	Shipments 1940.	Shipments 1939.
This week	1,533,000	922,800	358,400	94,800
Since Sept. 1..	6,440,000	3,832,141	2,700,300	836,420

WINNIPEG, Aug. 16.—The week's closing flaxseed price range was as follows:—

	Cash.	Oct.
Saturday	$1.31¼	$1.33
Monday	1.31¼	1.33
Tuesday	1.31½	1.33
Wednesday	1.31⅝	1.33¼
Thursday	1.31⅝	1.33⅛
Friday	1.31⅛	1.32⅝

BUENOS AIRES, Aug. 16.—Opening prices per bushel on August contracts were:—

	Last week.	Last Year.
Saturday	$1.16⅝	$1.13½
Monday	1.16⅝	1.13¼
Tuesday	1.16⅝	1.13⅛
Wednesday	1.16⅝	1.13¾
Thursday	*	1.13½
Friday	*	1.13½

* Holiday.

Exports

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United States	.....	.....	.....
United Kingdom	.....	.....	.....
Continent	.....	.....	354,000
Orders	.....	.....	.....
Others	†47,000	.....	20,000
Totals	47,000	.....	374,000

† To Japan.

STEARIC ACID

Single Pressed and Double Pressed

Available in either cake or flake form

Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)

RUBY OLEINE BRAND *(distilled)*
STAR BRAND
(saponified)
CANARY BRAND
(very pale yellow, especially suitable for best types of dry cleaners' soaps.)

PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
220 East 42nd St., New York City
Branches and stocks in all large cities

EMERY
America's largest producers of
STEARIC and OLEIC ACIDS
All Grades Saponified and Distilled
FATTY ACIDS • GLYCERINE • PITCH
SPECIAL FATTY ACID DERIVATIVES
Since 1840
EMERY INDUSTRIES, INC.
Originators of Twitchell Process
New York CINCINNATI, OHIO Lowell, Mass.
Stocks in all Principal Cities

"Before You Buy— Ask Wecoline"

Distilled Vegetable Fatty Acids

You will find that Wecoline's *different* refining and distilling methods are doing big things for Fatty Acids.

For instance, they bring out an unsurpassed *clarity* and *purity* . . . *brilliancy* and *uniformity*, too. A great help to the production of the newer synthetics requiring Fatty Acids of Quality.

And you pay no price premium for the improved Wecoline quality.

Specifications—Samples Gladly Sent

COCONUT SOY BEAN
LINSEED TEASEED
OLIVE OIL COTTON SEED

SPECIAL FATTY ACIDS:
STEARIC LAURIC CAPRIC
CAPRILIC WHITE OLEIC
MYRISTIC

WECOLINE Products, Inc. BOONTON, N.J.
Sales Offices: NEW YORK.....CHICAGO.....BOSTON

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

WOBURN HIGH QUALITY FATTY ACIDS HAVE BEEN THE STANDARD FOR YEARS FOR THE MANUFACTURE OF ALKYDS OF ALL TYPES

(Linseed, Soybean, Perilla, Sunflower, Isoline, Cocoanut, Lauric, Helioline-D)

WOBURN FATTY ACIDS FOR SOAP MAKING LOWER THE COST AND IMPROVE THE QUALITY OF THE SOAP

(Cottonseed, Palm, Cocoanut, Olivine, Distoline, Helioline-D)

WOBURN DRYING OIL (DEHYDRATED CASTOR OIL) PRODUCES THE MOST DURABLE OF ALL FILMS AND FILMS WITH SUPERIOR COLOR RETENTIVE PROPERTIES

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WOBURN DEGREASING COMPANY OF NEW JERSEY

Chemical Division HARRISON, N.J.

QUALITY SERVICE

Manufacturers Since 1837

STEARIC ACID

Saponified and Distilled

Single, Double and Triple Pressed Cake, Flake and Powdered

OLEIC ACID

Saponified and Distilled

Light Color, Various Titres in Barrels, Drums and Tankcars

WHITE OLEINE

U. S. P. Specifications Guaranteed

CRUDE GLYCERINE 88%

TALLOW FATTY ACIDS

WHITE PALM OIL FATTY ACIDS

A. GROSS & CO.

Sales Office: 122 East 42nd St., New York, N. Y.

FACTORY: NEWARK, N.J.

Since January 1

To—	This year.	Last year.
	—Bushels—	
United States	8,668,000	10,928,000
United Kingodm	5,837,000	548,000
Continent	11,856,000	18,033,000
Orders	606,000	6,952,000
Others	727,000	2,434,000
Totals	27,694,000	38,895,000

Visible Supply

	Bushels.
Last week	5,582,000
Previous week	5,118,000
Last year	3,937,000

HULL, Aug. 16.—La Plata flaxseed quoted at £15 per long ton; Bombay, £173/8.

Linseed Oil.—The local market for linseed oil was irregular last week, a reduction in prices of three points early in the period being followed by an upturn later in company with flaxseed. At the close of the week oil quotations ranged from 8.1c. to 8.3c. per pound in tankcars. Conflicting reports were heard concerning the condition of business, a considerable increase in demand being reported in some quarters while only a limited inquiry was noted in other cases. Advices from outside points reported an increased demand and an expansion in output at the mills. Recepits in the Northwest showed a material increase and the quality of the arrivals was generally reported as good. According to a report from Argentina, the indications point to a sharp reduction in the acreage in that country as compared with last year.

MINNEAPOLIS, Aug. 16.—Demand for linseed oil developed with a rush in the past ten days. A fairly liberal quantity of oil was taken for delivery up to the end of next June. Shipping instructions are very good.

Quotations on tankcar lots f.o.b. Minneapolis 7.7c. per pound, cooperage car lots 8.3c. per pound, warehouse lots 8.7c. per pound.

Shipments of oil in pounds were as follows:—

	1940.	1939.
This week	2,750,000	1,680,000
Since Sept. 1	146,220,000	74,127,332

LONDON, Aug. 16.—Linseed oil, 44s. per cwt.

Cake and Meal.—An increase was noted in the movement of meal. Cake remained quiet. Tone steady.

MINNEAPOLIS, Aug. 16.—Meal trading is about at a standstill. Old crop supplies have been well cleaned up, in fact are almost extinct, while crushers have sold themselves to a standstill for delivery of new crop meal up to the end of the year.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $24 to $24.50 per ton.

Shipments of meal in pounds were as follows:—

	1940.	1939.
This week	5,240,000	3,960,000
Since Sept. 1	188,370,000	100,040,650

SAN FRANCISCO, Aug. 14.—Linseed oil active. Tankcar sales were reported to have run into the hundreds. Most business was said to have been done at 7.5c. per pound. Card quotation higher today:—Tankcars, 7.7c. per pound; drum car lots ex-mill, 8.1c.; drum lots ex-warehouse, 8.7c.

Cottonseed Oil

The trend of refined cottonseed oil futures was mainly downward. Crude oil quiet and easier in Southern markets. Meal more active.

Cottonseed Oil.—The trend of refined oil futures in the local market was again mainly downward last week in company with lard and other outside markets. New low prices were reached for all positions. Longs again liquidated. There was further pressure of short and hedge selling. On the decline shorts covered and there was also more or less new buying for account of commission houses and trade interest, but aggressive support was still lacking.

Southern markets for crude oil were quiet and easier. Shortening was reduced ¼c. Soybean and coconut oils were lower. New crop soybean oil was reported to have been offered at as low as 3¾c. per pound, and old crop at 4c. though higher prices were quoted by some producers. Sales of tallow were reported at a further decline.

The monthly cottonseed report pointed to a consumption of refined oil during July of 246,655 barrels, bringing the total for the season ended with July up to 3,378,350 barrels against 3,059,867 barrels in the previous season. The visible supply at the close of last season was 1,351,900 barrels against 1,652,100 barrels in the previous year and 1,539,500 barrels two years ago.

The weekly government crop report stated that although cotton was unfavorably affected by excessive rains in the lower Mississippi Valley and parts of the Southeast, the crop in general made satisfactory advance. In Texas progress was mostly fair to good.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from August 12 to August 16, inclusive, consisted of 563 contracts, a total of 33,780,000 pounds. Following is a price record for the week:—

	—Cents per pound in tanks— High.	Low.	Close.
January	5.73	5.48	5.50@5.55
March	5.80	5.57	5.61 sale
September	5.56	5.35	5.36@5.40
October	5.60	5.33	5.39@5.40
December	5.70	5.46	5.50@5.51

Crude, Southeast, .04½c. Nom.

CHINA WOOD OIL

WAH CHANG TRADING CORPORATION

Woolworth Building

SPOT New York, N. Y. FUTURE

TALL OIL

a high saponifiable, low-priced product

CRUDE AND DISTILLED

C/L and L/C/L deliveries

A. J. RIMBERG COMPANY

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Specialists since 1920

THE BRODÉ CORPORATION

MEMPHIS, TENNESSEE

Domestic and Export

PRODUCTS OF COTTONSEED, PEANUTS and SOY BEANS

Members—Memphis Merchants Exchange (Futures in Cottonseed Meal) New York Produce Exchange (Futures in Cottonseed Oil)

District Representatives

JAMES LOVATELLI & CO., 2 Broadway, New York City

Codes: Yopps, Robinsons, Bentleys, A. B. C., 5th Edition, Peerless

For the Pharmacist as a Tablet Lubricant

STEROTEX

For the Ceramic Manufacturer as a Pressed Lubricant and Binder

Samples and prices on application

THE CAPITAL CITY PRODUCTS COMPANY, Columbus, Ohio

DARLING'S

STEARIC ACID RED OIL PEARLSTEARIC

PITCH WHITE OLEINE GLYCERINE

DARLING & COMPANY

Manufacturers 4201 S. ASHLAND AVE., CHICAGO, ILL. *Stocks in Principal Cities*

Chicago, Aug. 19.—Cottonseed oil fairly active. Refined, edible oil is 8½c. to 9c. per pound, drums, car lots; 9c. to 9½c., drums, less than car lots.

Hull, Aug. 16.—Cottonseed oil, refined, 35s. 7½d. per 12 pounds; crude, Egyptian, 31s. 1½d.

Cake and Meal.—An improved inquiry for meal was reported in some parts of the South. Price changes were moderate. Stocks reported light.

Markets at Other Centers

Atlanta, Aug. 14.—Prime crude cottonseed oil declined to 4⅜c. per pound in the Southeast. Cottonseed meal, $27.25 to $27.50 per ton for 8 percent. Tropical storms and torrential rains over much of the cotton belt caused little damage.

Memphis, Aug. 16.—Cottonseed products quiet; trade awaiting further developments. Cotton crop this section considerably later than normal, but now progressing satisfactorily. Crude oil supplies at mills practically exhausted. Refiners apparently holding sufficient oil till new crop moves. Crude oil 4½c., nominal, Valley basis. Meal $27 per ton, Memphis basis, immediate shipment. Meal for October shipment $22 per ton, nominal; November-December $21.50 nominal. Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	Aug. 8.	Aug. 15.
September	$21.30@21.50	$21.50@21.60
October	20.50@——	20.35@20.65
December	20.00@20.10	20.00@——
January	19.90@20.00	19.85@——

Fatty Acids

Capric Acid.—Demand limited to moderate quantities. Market steady.

Caproic Acid.—Steady movement into local and outside consuming channels. Quotations maintained.

Coconut Oil.—Somewhat better request for prompt shipment. Market steady.

Cottonseed Oil.—Trade quieter. Consumers holding off owing to downward trend of raw material.

Red Oil.—Steady at recent reduction in prices. Trade fair.

Stearic Acid.—Fair movement on contracts. New business quieter. Market steady.

Chicago—Aug. 16

Buyers of fatty acids appear to be interested in obtaining only sufficient material to take care of their early requirements.

RED OIL.—Distilled or saponified, 6¼c. to 7¼c. per pound.

STEARIC ACID.—Distilled single press, 8½c. to 9½c. per pound; double press, 9c. to 10c.; triple press, 11¾c. to 12¾c.

OTHER FATTY ACIDS.—Corn oil, double distilled, 8½c. to 8¾c. per pound, tankcar; 9c. to 9¼c., drums, car lots; 9½c. to 9¾c., drums, less than car lots; coconut oil, acidulated, 9½c. to 9¾c. per pound, tankcar, mostly nominal; 10c. to 10¼c., drums, car lots; 10½c. to 10¾c., drums, less than car lots; cottonseed oil, double distilled, 8c. to 8¼c. per pound, tankcar; 8½c. to 8¾c., drums, car lots; 9c. to 9¼c., drums, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2¾c. to 3c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1½c. to 1¾c.

Fish Oils

Menhaden.—Spot quotations on light pressed refined oil down to 5.5c. per pound in tankcars. Trade fair.

Sardine.—Local market for refined oil easier with crude. Quotations reduced 4/10c.

Sperm.—Prices maintained at former levels. Fair demand for moderate lots.

Whale.—Consumers of refined oil purchasing for current needs only. Market steady.

Markets at Other Centers

Baltimore, Aug. 14.—Some small-lot sales of crude menhaden oil reported on when-and-if-made basis at 20c. per gallon. Fishing in Chesapeake Bay and off Virginia Capes fair. North Carolina and Florida reports less favorable.

San Francisco, Aug. 14.—Oregon-Washington pilchard oil sold off again during the week when further business was contracted on an if-and-when produced basis at 21c. per gallon in tankcars, while at the same time California producers were moving oil at 22½c. Some 200 tankcars were said to have been involved in the week's activity.

The open California season on sardines ran into its second week with no possibilities of production in sight owing to labor difficulties. No settlement has been made between the fishing interests and plant owners, and it was reported here today that negotiations between the two factions had been dropped owing to the weak position of the market.

Producers have withdrawn the $10 per ton figure offered for raw fish which the fishermen were frowning on just a few weeks back and state the condition of the market is such that no offers can be made for the present.

Rough weather is hindering Alaska operations and it must be conceded that the Alaska herring oil production this year will not be a great deal better than a washout. Oregon and Washington reports are poor also. Reduction plant labor difficulties have been settled at Aberdeen.

Fats and Greases

Grease.—Quiet and easier. Nominal quotations ⅛c. lower.

CHICAGO, Aug. 16.—Choice white grease, 3¼c. to 3½c. per pound, tierces; yellow, 3⅛c. to 3¼c.

Lard.—Cash prices lower with futures. Domestic trade fair. Export movement light.

CHICAGO, Aug. 16.—Following is a lard price record, per 100 pounds, for the week:—

	High.	Low.	Closing Aug. 16.	Closing Aug. 9.
Cash	$4.90	$4.57	$4.57	$4.87
October	5.07	4.55	4.67	5.02
December	5.22	4.75	4.87	5.22

Stearin.—Trade quiet. Offerings light. Tone easy. Prices nominal.

CHICAGO, Aug. 16.—Prime oleo stearin, barrels, 5c. to 5¼c. per pound; lard stearin, 5½c. to 6c.

Tallow.—Sales at 3½c. per pound for extra, a decline of ⅛c.

CHICAGO, Aug. 16.—Edible tallow, tierces, 3⅝c. to 3¾c. per pound; inedible, prime, 3½c. to 3¾c.; special, 3¼c. to 3½c.

Trading in tallow futures on the New York Produce Exchange from August 12 to August 16, inclusive, comprised 4 contracts, a total of 240,000 pounds. Following is a price record for the week:—

	High.	Low.	Close.
	Cents per pound in tanks—		
October	...	...	3.50 nom.
December	3.70	3.70	3.60 nom.

Animal Oils

Lard.—Easier with basic material. Quotations reduced ⅜c. to ½c. per pound. Trade quieter.

CHICAGO, Aug. 16.—No. 1 lard oil, 8c. to 8¼c. per pound.

Neatsfoot.—Quotations down ⅜c. to 1c. per pound. Fair movement of moderate quantities.

Oleo.—Somewhat better request for moderate lots on spot. Quotations shaded ⅛c.

CHICAGO, Aug. 16.—Extra oleo oil, 7c. to 7¼c. per pound.

Tallow.—Decline in basic material reflected in reduction of ⅜c. in oil prices.

CHICAGO, Aug. 16.—Acidless tallow oil, 8c. to 8¼c. per pound.

Waxes

Bayberry.—Steady. Routine activity. Steady prices. No weakness.

Bees.—Firm to firmer. Fair business. Prices well held. Limited competition.

Candelilla.—Steady to steadier. Im-

—*Continued on page 60*

Cottonseed Crushings Smaller

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held, from August 1 to July 31, 1940, and 1939, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed

Received, Crushed, and Held

	Received at mills* Aug. 1 to July 31.		Crushed Aug. 1 to July 31.		On hand at mills July 31.	
	1940.	1939.	1940.	1939.	1940.	1939.
	Tons					
United States	4,066,507	4,259,555	4,148,237	4,470,516	38,896	120,626
Alabama	200,923	310,298	211,366	311,344	572	10,915
Arizona	89,128	81,933	91,743	81,800	9	2,624
Arkansas	455,772	459,296	454,744	475,463	5,081	4,055
California	165,534	159,495	167,690	176,313	2,807	4,873
Georgia	384,727	365,635	397,758	366,738	1,160	14,191
Louisiana	219,953	186,534	220,250	191,869	250	547
Mississippi	626,009	668,299	641,291	688,304	6,511	21,793
North Carolina	167,311	144,059	164,949	150,605	3,611	1,249
Oklahoma	154,220	178,716	154,485	181,589	534	797
South Carolina	237,199	180,073	237,580	180,725	519	900
Tennessee	335,919	356,640	337,764	366,314	1,091	2,936
Texas	921,552	1,068,821	960,090	1,194,826	16,530	55,068
All other tSates	108,260	99,756	108,717	104,626	221	678

* Includes none and 5,531 tons seed destroyed at mills, but not 120,626 and 337,118 on hand Aug. 1 nor 42,325 and 76,555 reshipped for 1940 and 1939, respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand Aug. 1.	Produced Aug. 1 to July 31.	Shipped out Aug. 1 to July 31.	On hand July 31.
Crude oil, pounds—				
1939-1940	*72,066,763	1,324,737,249	1,363,974,699	*37,514,398
1938-1939	33,833,717	1,409,413,537	1,366,566,903	72,066,763
Refined oil, pounds—				
1939-1940	†560,035,317	‡1,286,425,321	.....	†495,119,677
1938-1939	487,927,952	1,286,054,819	.....	560,035,317
Cake and meal, tons—				
1939-1940	119,718	1,880,438	1,918,298	81,858
1938-1939	214,611	2,023,341	2,118,234	119,718
Hulls, tons—				
1939-1940	77,087	1,054,748	1,109,658	22,177
1938-1939	133,153	1,161,079	1,217,145	77,087
Linters, runnings bales—				
1939-1940	479,316	1,073,592	1,419,544	133,364
1938-1939	457,464	1,113,312	1,091,460	479,316
Hull fiber, 500-lb. bales—				
1939-1940	24,931	30,835	54,681	1,085
1938-1939	30,534	37,270	42,873	24,931
Grabbots, motes, etc., 500-lb. bales—				
1939-1940	30,642	49,729	67,652	12,719
1938-1939	36,592	57,730	63,680	30,642

* Includes 5,986,685 and 15,925,920 pounds held by refining and manufacturing establishments and 13,594,470 and 8,340,320 pounds in transit to refiners and consumers August 1, 1939, and July 31, 1940, respectively.

† Includes 13,471,938 and 12,464,845 pounds held by refiners, brokers, agents and warehousemen at places other than refineries and manufacturing establishments and 3,292,550 and 4,331,958 pounds in transit to manufacturers of shortening, oleomargarin, soap, etc., August 1, 1939, and July 31, 1940, respectively.

‡ Produced from 1,363,589,238 pounds of crude oil.

Exports and Imports for Eleven Months Ended June 30

	1940.	1339.
Exports—		
Oil, crude, pounds	5,018,722	178,028
Oil, refined, pounds	13,117,764	3,882,163
Cake and meal, tons of 2,000 pounds	6,742	15,072
Linters, running bales	315,733	193,234
Imports—		
Oil, crude,* pounds	none	714,800
Oil, r efined,* pounds	10,111,935	57,784,996
Cake and meal, tons of 2,000 pounds	16,036	4,423
Linters, bales of 500 pounds	57,039	43,653

* Amounts for July not included above are 1,658,469 pounds refined, "entered for consumption," 1,689,905 refined, "withdrawn from warehouse for consumption." No crude or refined, "entered for warehouse."

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—Sydenstricker, V. P., Sebrell, W. H., Cleckley, H. M., and Kruse, H. D., J. A. M. A. 114: 2445, June 22, 1940.

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Drugs, Fine Chemicals

Netherlands Indies 5% Export Tax Raises Quinine Prices—Other Cinchona Derivatives Up—Quicksilver Lower Again —Mercurials Hold—Castor Oil Down

An advance in quinine, quinine and urea hydrochloride, quinidine, cinchonidine and cinchonine prices, plus declines in quotations on castor oil and quicksilver comprised the price features in the market for drugs and fine chemicals during the past week. Other materials continued to display substantial price stability under the influence of a very good consuming demand. Competition was held well in check so far as being influential on prices obtained.

A fortnight ago, a Netherlands Indies broadcast informed the world that a 5 percent export tax was to be imposed on cinchona bark and the derivative quinine salts. On August 11, official decree made the tax operative and on the next day all cinchona derivatives were advanced in price on spot. No change was made in the surcharge of 7c. per ounce imposed by local first-hands in quinine and its salts; it covers charges purely the result of the European war. The Netherland Indies government indicated that the tax would not be permanent according to present plans. Domestic quinine factors have also specified the temporary character of the surcharge.

Quicksilver continued to drift to lower price levels notwithstanding the fact that quantities have been sold for export to Canada under licenses granted by the Export Control commission of the Treasury Department. Competition appeared to be behind the reduction that failed, incidentally, to find reflection in the mercurial quotations.

Acetanilide.—Firm to firmer and moving up to seasonal normal.

Acetone.—In fair request. Prices steady.

Acetophenetidin. — Steady. Immediate demand moderate. Outlook favorable for seasonal gain shortly.

Acid, Acetic.—U.S.P. demand conventional and very steady. Full price stability noted.

Acid, Boric.—Dealers and wholesalers report more business. Producers indicate normal market conditions. Prices firm.

Acid, Citric.—Complete price stability. Demand under seasonal influences. Consumption running to good figures.

Acid, Tartaric.—Still very strong. Likely so to continue. Demand very fair. Sellers showing some reserve. Stocks of raw material conservative.

Alcohol.—Firm market. Demand good. Outlook favorable for expanded trade in Fall. Industrial requirements likely to gain during Winter. Trade in antifreeze item next major movement of stocks.

Aloe.—Steady to firm. No weakness at source. No surplus of raw material.

Aloin. — Steady consumption contributes to fully firm prices.

Ammonia Benzoate.—The movement from producers to consumers assumes seasonal proportions. Active and firm market.

Ammonia Citrate.—Trade up to expectations. Stabilized market.

Amyl Alcohol.—Fair sales reported. Very steady prices last week.

Antipyrene.—Reserves sufficient to cope promptly with Fall demand. Some expect improvement.

Barbital.—A routine and entirely conventional market at steady quotations.

Barium Sulphate.—Normal consumption of X-ray item. Fully firm situation.

Berberine.—No active call. Strictly jobbing. Moderate stocks.

Bismuth Metal and Salts.—Firm to steady. Demand up to recent levels. Normal situation.

Borax. — Stable consumption and prices. Entirely normal market.

Bromoform. — Firm. Steady call. Buyers cover as wanted. Little anticipation of needs.

Cadmium. — Platers active. Other consumers have more conservative need. Firm price situation.

Price Changes

Advanced

Cinchonidine alkaloid, 3c. per oz.
sulphate, 3c. per oz.
Cinchonine, alkaloid, 4c. per oz.
sulphate, 4c. per oz.
Quinidine, alkaloid, 5c. per oz.
sulphate, 3c. per oz.
Quinine, alkaloid, 4c. per oz.
acetate, 3c. per oz.
arsenate, 3c. per oz.
arsenited, 3c. per oz.
bisulphate, 3c. per oz.
citrated, 3c. per oz.
dihydrobromide, 4c. per oz.
dihydrichloride, 4c. per oz.
ethylcarbonate, 5c. per oz.
ferrocyanide, 4c. per oz.
formate, 3c. per oz.
glycerophosphate, 3c. per oz.
hydrochloride, 4c. per oz.
hydrochlorsulphate, 3c. per oz.
hydroiodide, 3c. per oz.
hypophosphite, 4c. per oz.
phosphate, 4c. per oz.
salicylate, 3c. per oz.
sulphate, 3c. per oz.
sulphocarbolate, 2c. per oz.
tannate, 3c. per oz.
tartrate, 3c. per oz.
valerate, 3c. per oz.

Reduced

Castor oil, 1c. per lb.
Quicksilver, $8 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
204.3	**203.2**	**203.7**	**182.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Caffeine.—Strong market. Heavier demand for citrated item not far off.

Calcium Gluconate.—Jobbing sales in fair volume. No special change in outlook for future.

Castor Oil.—Lower. U.S.P. oil, tanks, 10½c. per pound; extracted, No. 3, 10c. Due to lower production costs.

CHICAGO, Aug. 14.—Castor oil prices lower. Market:—Cold pressed, U.S.P., barrels, car lots, 11⅝c. per pound barrels, less than car lots, 12⅜c.; returnable drums, car lots, 11⅜c.; drums, less than car lots, 12⅛c.; tanks, 10⅞c.; extracted, No. 3, barrels, car lots, 11⅛c.; barrels, less than car lots, 11⅞c.; returnable drums, car lots, 10⅞c.; drums, less than car lots, 11⅝c.; tanks, 10⅜c.

Cinchonidine.—Higher. Due to export tax in Netherlands Indies. Price: Alkaloid, small crystals, 89c. per ounce; sulphate, 53c.

Cinchonine.—Imposition of 5 percent export tax in Netherlands Indies forces spot price to 62c. per pound for alkaloid; sulphate, 42c.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Association meetings:—
Federal Wholesale Druggists, Sept. 8-11, *Hot Springs.*
National Wholesale Druggists, Sept. 30-*Oct.* 3, *White Sulphur Springs.*
DCAT outing, Oct. 18-19, *Skytop.*
Pest Control Association, Oct. 28-30, *Indianapolis.*

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Codeine.—Under normal demand, stocks of raw material and derived items should prove ample next Winter. Present market slow.

Codliver Oil.—Very firm. Lacking distinctive activity.

Corn Syrup.—Raw material showing strength. No further price change.

Cream of Tartar.—Normal consumer activity contributes to already strongly maintained market.

Creosote.—Shortage in beechwood item. Nominal market. Hardwood creosote, U.S.P. still 45c. to 47c. per pound as to quantity. Carbonate priced at $1.95 per pound by major suppliers.

Glycerin.—Very good activity. Firm, well stabilized prices. No signs of early change. Statistics, production first quarters, 1940 and 1939, follow:—

January-June

	Pounds	
Crude, 80 percent basis—	1940.	1939.
Production	101,442,011	84,815,944
Stocks*	16,529,778	17,667,689
Imports	3,121,189	6,415,354
Refined—		
Production	42,477,220	44,411,448
Stocks†	34,443,932	51,207,987
Imports	1,048	297,314
Dynamite—		
Production	36,890,216	25,611,709
Stocks†	27,744,854	21,448,350
Exports‡	7,420,368	1,706,958

* Preliminary.
† Bureau of the Census.
‡ Kind not specified.

CHICAGO, Aug. 14.—Glycerin orders in good volume. Prices are:—Chemically pure, 12¼c. per pound, tanks; 12½c., drums, car lots; 13c., drums, less than car lots; high gravity, 11¾c. per pound, tanks; 12c., drums, car lots; 12½c., drums, less than car lots.

Iodine and Iodides.—Stable in price. Normal in demand. Reserves adequate.

Magnesia.—Selling well and normal volume. Steady to firm undertones.

Menthol.—Still in lackadasical demand. Unchanged but easy prices.

Mercurials.—Metal market decline extended. No change in mercurial schedule. Normal transactions.

Methanol. — Stabilized market and movement satisfactory. Price schedules being maintained.

Methyl Acetone.—Competition fairly keen. No open shift in quotations.

Quicksilver.—Down to $180 to $185 per flask. Conditions favor further shading at times. Secretary of Interior told by Geological Survey that surveys for quicksilver are being conducted in numerous areas, including Bottle Creek, Nev., and the Mount Diablo districts, Calif. Mining numerous lodes profitable so long as $125 and upward per flask is obtainable, says Department of Interior.

SAN FRANCISCO, Aug. 14.—Rejection of export permits turns quicksilver easier. Lack of sales reported. Spot metal, $175 to $177 per flask. Buyers contracted ahead for metal now requesting and getting earlier deliveries. Report that export permits had been granted for Great Britain erroneous. Export permits granted to Canada only thus far.

Quinidine.—Higher because of export tax in Netherlands Indies. Alkaloid, small crystals, now 89c. per ounce; sulphate, 55c. Surcharge, 7c. per ounce.

Quinine.—Netherlands Indies imposed 5 percent ad valorem export tax on cinchona bark and derivatives. Became effective August 11. Quinine prices advanced August 12. New price on sulphate, 67c. per ounce; bisulphate, 60c. For complete schedule, see Prices Current. Add 7c. per ounce surcharge to all quinine prices to cover additional costs resulting from war.

Quinine-Urea Hydrochlorite. — Advanced to cover export tax in Netherlands Indies. Quotations now 81c. plus surcharge of 7c. per ounce.

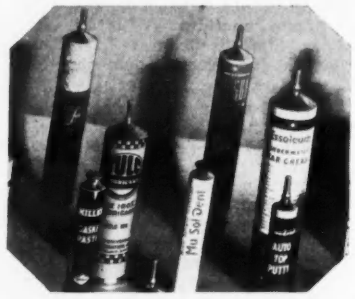
Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	26⅞	34¾	23½
Monday	26⅞	34¾	23½
Tuesday	26⅞	34¾	23½
Wednesday	26⅞	34¾	23⅞
Thursday	26⅞	34¾	23½
Friday	26⅞	34¾	23½

Coca Cola Names Farley Export Corp. Chairman

Wilmington, Del., Aug. 10, 1940

James A. Farley, former Postmaster General, and chairman of the Democratic National Committee, has been named chairman of the board of the Coca Cola Export Corporation, it was announced here today. The appointment was disclosed by Robert W. Woodruff, president of the Coca Cola Company, parent concern. Mr. Woodruff said that Mr. Farley "will be in charge of all export business and particularly of expansion of the company's business in foreign countries."



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Quinine for Export Taxed 5% By Netherlands Indies

Exports of quinine and all derivatives of cinchona bark, including those of the bark itself, are taxed 5 percent ad valorem by the Netherlands Indies government acting under a decree that became effective August 11. The decree also included tin, petroleum, and petroleum products at the same taxation rate. The new tax is in addition to the already existing duties and taxes on the above items, if any.

Effect of the new tax was prompt on spot. Quotations on quinine and all its salts were advanced sharply, as also were cinchonine and cinchonidine. Earlier forecasts had been that imposition of a 5 percent tax would not result in higher spot prices until sellers began to market the higher cost merchandise. The forecasts were not realized.

Sharp & Dohme Engages Welch and Kazal for Research

Sharp & Dohme, pharmaceutical manufacturer, Philadelphia, has added Dr. A. D. Welch and Dr. Louis A. Kazal to the staff of its medical-research division. Dr. Welch is a graduate of the Universities of Florida and Toronto He was a member of the pharmacology staff at the Washington Medical University in St. Louis and there received his degree in medicine. Dr. Welch is well-known for his many contributions in scientific journals on the subject of pharmacology and biochemistry. Dr. Kazal received his B.S. in chemistry in Seton Hall College, New Jersey, and his Ph. D. in physiology and biochemistry at Rutgers University. His research with Sharp & Dohme laboratories will be directed toward advanced exploration and studies in the field of hormones and enzymes.

McK. & R. Sales Up

Sales of drugs and sundries by McKesson & Robbins, Inc., in July increased 7.90 percent as compared with July a year ago. Sales in July totaled $8,505,534. Sales for seven months are up 5.39 percent over the same period in 1939.

Trade Briefs

Walgreen & Co., Chicago, July sales amounted to $6,103,620, against $5,657,237 in the same month a year ago.

Nutrition Research Laboratories, manufacturer of vitamin D, Chicago, has completed plans for the erection of a new $100,000 plant.

Vegetable Growers' Association will hold its thirty-second annual convention in the Bellevue-Stratford hotel, Philadelphia, Pa., August 26-29.

Magnus Metal Works, Ludlow, Ky., was damaged by fire August 10. The loss was estimated between $200,000 and $300,000.

J. H. Tuttle has been elected vice-president of Standard Oil of California to fill the vacancy created by elevation of H. D. Collier to the presidency.

Andrew S. Butler, president of McDougall-Butler Company, paint manufacturer, and Edward Butler, his son, recently returned to Buffalo from a fishing trip in Canada.

Palmer B. Stickney has joined the technical staff of Battelle Memorial Institute, Columbus, Ohio. He will study the kinetics of the thermal decomposition of hydrocarbons.

Procter & Gamble Company, Cincinnati, workers who are in the company's profit sharing plan will be credited with $505,000 in profit sharing dividends for the six months ended June 30, 1940.

George C. Gordon Chemical Company, manufacturers' agent for industrial technical chemicals, is now located in a four-story and basement building on the Southwest corner of Eleventh and Hickory streets, Kansas City.

Pharmaceutical lines are desired by a visitor from Brazil who was expected to arrive in the United States in August and will remain for two months. Details regarding this visitor are available to accredited American firms by writing the Bureau of Foreign and Domestic Commerce, Washington, referring to visitor No. 1386.

Pharmaceutical and biologic exports from the United States to the Union of South Africa increased 20 percent in 1939, compared with 1938, due in large part to heavier shipments following the outbreak of hostilities in Europe.

Davison Chemical Company, Baltimore, has reported to Securities Exchange Commission it paid $500,000 on its outstanding five-year bank loan, due on or before December 31, 1940, reducing the amount outstanding to $480,000 as of July 31, 1940.

Kubber Substitutes Conduct Electricity

Specialized compounds of natural rubber and synthesized rubber substitutes with a high degree of electrical conductivity have been developed by laboratory research chemists for the B. F. Goodrich Company, Akron, Ohio. The company says that it can now furnish solutions of rubber substitutes which can be applied to the surfaces of natural rubber products like paint, and which will carry away static. This material has already had successful application as belt dressing to carry away static from transmission belts.

Electrically conductive compounds can generally be made softer and more "rubbery" from "synthetic rubber," while in the case of natural rubber the compound has to be "loaded" and consequently is stiffer and less yielding. Natural rubber, unless specially compounded has the highest electrical resistance of any solid material.

Caustic Soda Production Facilitated in Mexico

Mexico has exempted from taxes for five years, the Compania Industrial Los Reyes, S. A., for the manufacture of fused caustic soda, according to advices to the Department of Commerce from the office of American Commercial attache in Mexico. This company is likewise authorized to import annually, free of duty, 5,000 kilos of soda nitrate and sufficient sheet steel to make 8,200 drums.

Walnut Shell Flour Uses Studied by Agicide Labs.

The medium grades of walnut shell flour have been found to be applicable as fillers in many commercial products, in investigative work done by the Agicide Laboratories in Milwaukee, Wis., and Los Angeles, Cal. In the manufacture of plastics, rubber, and electrical insulative materials, the use of walnut flour is said to reduce weight and cost while simultaneously increasing strength and wearing qualities. It is also advocated for use in making paper, glue, and dynamite.

Work on coarse walnut shell flour also shows it suitable as a cleaner in the fur, metal and other industries in addition to its use in ceramics, linoleum, magnesite flooring, and as a molding material, alone or combined with a small amount of binder. The finer meshes of the flour have been found to be excellent carriers of insecticidal and fungicidal toxics, as medical element in stock foods, as a cosmetic base, and as a facing and parting dust in foundry practice. Literature fully describing the new flour may be secured from Agicide Laboratories, 4668 N. Teutonia avenue, Milwaukee, Wis. R. C. Whitman, of Chatham, N. J., is Eastern district manager.

Thomas Succeeds Litchfield As Goodyear Co. President

E. J. Thomas will succeed P. W. Litchfield as president of the Goodyear Tire & Rubber Company, Akron, Ohio. Mr. Litchfield will, however, continue as chairman of the board and senior active executive. The change will become effective September 1.

Monsanto Buys Ground Adjoining St. Louis Plant

Monsanto Chemical Company has completed the purchase of all but two lots in two square blocks of property adjoining the west side of its St. Louis plant. There are no plans for immediate development of the property for manufacturing purposes.

Botanical Drugs, Spices, and Gums

Italy's Threat to Greece Puts Plan to Ship Botanicals from Greek Ports to United States Into Eclipse—Other Routes Sought—Transport Cost High

The botanical drug market continued an even and generally steady course during the past week. The price changes that broke out like a rash during the previous trading period were not extended and the positions reached at that time became mostly steadier. A few items were conspicious for weakness caused by new crop collections.

During the past week, news from abroad emphasized the growth of strained relations between Italy and Greece. It may be recalled that a scheme whereby European botanicals might be transported in Greek steamers from the Greek ports of Piraeus or Solonika to the United States was in the making. With Italy threatening to take the Greeks in hand, chances for establishment of an export route from Greece were certainly none too encouraging last week.

There remains to be seen what can be done in getting goods moved from the European growing areas either west to Portugal, or east to a point where ocean contact can be made with ships that come to the United States. Such movements would involve high transport charges and untold amount of time, both of which would mean that record high prices would have to be obtained.

Balsams

Copaiba.—More competition. No price change, but undertones turn easier.

Fir.—Very firm. Some gain in demand for Canadian item. Trade moderate in Oregon material.

Barks

Cinchona.—No further drop in prices on broken bark. June imports totaled 158,679 pounds. Guatemala sent 12,255 pounds; Ecuador, 8,330 pounds; and Netherlands Indies, 138,094 pounds.

Cocciliana.—No further change. Steadier.

Cottonroot.—Still favorable for buyers at late decline. Limited demand.

Elm.—Powder steady at recent drop. Bundles and grinding bark well maintained. Winter needs reasonably well cared for.

Prickly Ash.—Prices steadier. Decline checked. Not expected to be extended much if any more.

Beans

Tonka.—Tobacco trade consuming normal quantities. Seem well covered for reasonable time ahead. Prices firm.

Vanilla.—Demand more lively. Gain in quantities taken. Some increase in orders. Strong conditions continue unabated.

Berries

Juniper.—Stocks of ordinary berries small. None too ample reserve of hand-picked material. Strong situation. Ordinary, 26c. to 28c. per pound; hand-picked, 32c. to 34c.

Raspberries.—Stronger undertones and higher prices continue. Shippers show no current weakness.

Flowers

Clover.—Stocks of domestic item gaining. No further reduction in spot price. Practically nominal market on imported goods.

Lavender.—All shipments from France stopped. Dependence of buyers totally on dealers' reserves. Holdings not very large. Prices strong.

Linden.—Advance maintained. Not much call. Stocks moderate.

Poppy.—Decline not extended. Steadier market. Not much change in demand.

Rose.—Pale flowers hold price at recent decline. Primary market cut off by British blockade. Larger demand expected to reverse price trend.

Gums

Arabic.—Export from primary market believed stopped. Few ships remain in Mediterranean area. Fair-sized dealers' stocks now available.

Guaiac.—Very firm. Not much call. None too large reserves. Replacement possible.

Karaya.—Very good call. Seasonal consumption by wave-set makers reaching important total. Prices very firm.

Myrrh.—Not much call. Stocks of fair size held. Prices steady.

Olibanum.—Sellers report moderate inquiry. Prices steady at late changes. Little exceptional competition.

Price Changes

Advanced

Anise, star, ¼c. per lb.
Caraway seed, 1c. per lb.
Russian, ½c. per lb.
Celery seed, Indian, ½c. per lb.
Clove, Madagascar, ¼c. per lb.
Zanzibar, ¼c. per lb.
Marjoram, French, 3c. per lb.
Chilean, ½c. per lb.
Mustard seed, Calif. brown, 5c. per lb.
yellow, 3c. per lb.
Danish yellow, 5½c. per lb.
Roumanian yellow, 1c. per lb.
Pepper, black, Alleppy, ¾c. per lb.
Lampong, ¼c. per lb.
Tellicherry, 1c. per lb.
Rapeseed, Japanese, ½c. per lb.
Senega root, 20c. per lb.
Savory, 12c. per lb.

Reduced

Coriander seed, ½c. per lb.
Ginger, African, ½c. per lb.
Goldenseal root, 25c. per lb.
Pimento, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
200.7	**201.1**	**207.8**	**125.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Imports and Detentions

Entries of botanicals at the port of New York since the week of January 1, 1940, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	533	2,610
Belladonna	69	305
Caraway	1,853	13,337
Cardamom (cases)	...	1,350
Celery	...	4,364
Coriander	2,889	17,262
Cumin	727	3,574
Digitalis leaves (cases)	1	1
Dill	...	199
Fennel	485	1,093
Henbane leaves (bales)	262	270
Mustard	2,800	4,832
Poppy	550	28,183
Sage leaves (bales)	...	249
Sesame	2,917	8,878
Stramonium	121	8,049
Thyme	...	1,603

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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AMINOPHYLLIN
ASPIRIN, QUININE AND OTHER TABLETS
BARBITOL
CARBOLIC ACID CRYSTALS
EPHEDRINE SALTS
ICHTHAMMOL
LANOLIN ANHYDROUS
MENTHOL Japanese and Chinese
MILK SUGAR U.S.P.
PETROLATUM U.S.P.
STRYCHNINE
COD LIVER OIL Medicinal and Poultry
VITAMIN PRODUCTS
ORANGE OIL, Sweet
PEPPERMINT OIL U.S.P.
SAVIN OIL
AGAR AGAR JAPANESE Shreds, Cut and Powder
ALOES, Curacao and Cape
BALSAM PERU
BELLADONNA LEAVES
BELLADONNA ROOT
CORIANDER OIL, U.S.P.
GENTIAN ROOT
GRAINS OF PARADISE
GUM ARABIC AMBER SORTS
GUM CAMPHOR JAPANESE Powder, Slabs and Tablets
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HERBE MENTHE
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Herbs and Leaves

Belladonna.—Price strong. Stocks not being replaced. Sellers highly reserved.

Deer Tongue.—Price holding. No further decline suggested. Crop probably normal.

Lobelia.—No further shading of prices. Generally steadier. Less aggressive competition. Fair stocks to be held.

Marjoram.—French higher at 32c. to 34c. per pound. Price and stocks practically nominal. Certainly subject to confirmation. Chilean up to 17½c. to 18c. No Tunisan goods available.

Savory.—Difference in price opinions. One quarter reports sales at 35c. per pound. Now asking 40c. Others allege goods available as low as 28c. No confirmation of actual sales thereat. All admit stocks to be small.

Thyme.—Market well bought up. Total holdings small and well concentrated. Prices strong. No further rise.

Uva Ursi.—Trouble in getting goods out of Spain or France expected. Possible through Portuguese ports. Considered doubtful, however. Steady prices.

Miscellaneous

Agaric.—A little buying would wipe out stocks. No call last week.

Balm of Gilead.—Steady market. Jobbing demand. Prices fairly easy.

Ergot.—Still unchanged here. Shipment still priced f.a.s. Lisbon. Forward shipment quotations much lower than spot prices. Little activity.

Gold of Pleasure.—Advance maintained. Demand slightly more active. No further rise.

Iceland Moss.—Higher quotations supported by good request. Very firm situation.

Kamala.—No further price shading. Competition still in evidence.

Roots

Belladonna.—Likely to go still higher. No large domestic production in sight. European stocks cut off.

Dandelion.—Some effort at collecting domestic root. Little hope of getting stocks from Europe. Unsold holdings light and in strong hands.

Goldenseal.—Prices tend in buyers' favor. Little call. Price $3 to $3.05 per pound.

Rhubarb.—Still offered in some quarters at prices others allege not to be meeting.

Senega.—Sharp price trend reversal. Rise to 72c. to 75c. per pound follows sales at 68c. Good home demand. No competition in Winnipeg.

Serpentaria.—Tends still lower as offerings stimulate competition. Not more than jobbing demand current.

Spikenard.—Steadier at recent decline. Spot closer to replacement cost. Nominal activity.

Valerian.—Strong in price. Practically nominal as to supply. Nothing coming from Europe. Little hope of any arriving until blockade breaks.

Seeds

Anise.—Star up to 16¼c. to 16¾c. per pound. Other varieties unchanged.

Canary.—Nothing heard from Morocco or Turkey. Argentina offering. Spot prices firm.

Caraway.—Up again. Dutch, 23c. to 23½c. per pound. Russian, 21½c. to 22c. and almost entirely sold out.

Celery.—French seed almost sold out. Indian seed higher at 16½c. to 17c. per pound.

Mustard.—Sudden rise in California seed prices. California seed supplying most demand. European seed stocks almost exhausted here. California brown, 14½c. to 15c. per pound; yellow, 16c. to 17c. Danish yellow, 23c. to 25c.; Dutch yellow, none available; Roumanian, 13c. to 13½c.

Rape.—Japanese item up to 8½c. to 9c. per pound. Belgian and Dutch unchanged but practically nominal.

Spices

Clove.—Madagascar and Zanzibar up to 16¼c. to 16¾c. per pound. Amboyne unchanged. Firmer market.

Ginger.—African shaded to 5½c. to 6c. per pound. Other varieties not too firm in price. Moderate request.

Mace.—Firm. Replacement reached here slowly. Prices not subject to shading.

Nutmegs.—Weak. Primary markets have lost many former markets. Large quantities offered to United States from West Indies.

Peppers.—Black Alleppy up to 7¼c. to 7¾c. per pound. Lampong fraction higher at 4c. to 4¼c.; Tellicherry, up to 7½c. to 7¾c. Japanese chillies firmer. White peppers unchanged.

Trading in black pepper futures on the New York Produce Exchange from August 12 to August 16, inclusive, comprised 51 contracts, a total of 1,713,600 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	3.68	3.68	3.50@3.56
March	3.74	3.66	3.65@3.68
May	3.80	3.80	3.72@3.76
July	3.88	3.81	3.79@3.84
September	3.50	3.48	3.43@3.49
December	3.59	3.55	3.44@3.52

Pimento.—Shaded sharply to 15c. to 15½c. per pound. Primary market down. Offerings numerous.

Abbott Laboratories, Chicago, sales in July were 21 percent above the same month a year ago.

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Essential Oils, Aromatic Chemicals

Rise in Indiana Prospects Raises Peppermint Crop Estimate 4 Percent—Domestic Oils Reveal Easier Trend—Tansy, Wormseed and Wormwood Down, Fair Demand

Price developments were mainly on the side of declines in the essential oils market but such movements were few and well within the lines of reasonable expectation at this time of the year. Demand in the market remained fair in volume. It had a steady quality that tended to offset the lack of heavy buying in individual units. Undertones were firm and resulted in excellent maintenance of most quotations.

During the period under review, the Department of Agriculture issued its annual estimate on the peppermint oil crop. The estimate was 4 percent ahead of that a year ago but was under that for 1938. The main gain was in the Indiana prospects. Prices declined here and they were definitely on the easy side.

Citrous oils came in for an excellent demand—a seasonal condition. California lemon supplied most of the domestic requirements and, in view of the foreign situation, must increasingly provide stocks for the American consuming industries. And it may well be that export trade in lemon may be expanded by the total divorcement of Italy from world consuming markets.

Far Eastern oils showed considerable strength. While the markets there should weaken because of the war having cut off European buyers, transportation costs at high levels, slowness of transport, and conservative spot stocks united to keep spot quotations very firm.

Price Changes

Advanced

None

Reduced

Patchouli, 50c. per lb.
Peppermint, 15c. per lb.
Tansy, 50c. per lb.
Wormseed, 15c. per lb.
Wormwood, 15c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.4	128.2	128.9	70.4

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Steady. firm. Demand moderate. Mainly jobbing.

Amber.—Inquiry fair. Sales along jobbing lines. Quotations steady.

Amyris.—Little demand. Small stocks. Poor distribution. Firm price.

Anise.—Very firm. No price shading. Replacement cost maintained. Primary market situation no further development.

Bay.—Sales indicate hand-to-mouth buyer activity. Prices steady.

Bergamot.—Strong prices. Inactive demand. Substitutes gain favor steadily. Replacement impossible.

Birchtar.—Jobbing call steady. Prices very firm. Further receipts from source doubtful.

Cade.—Steady. firm. Moving moderately. Absence of local competition.

Cajeput. — Little competition. Replacement cost firm. Stocks moderate. Prices firm.

Camphor.—Very steady. Movement fair. Stocks conservative. Likely to remain so. Derived products close to strong.

Cananga.—Strong undertone. Not much demand. Strength comes from primary market position. Replacements slow.

Capsicum (Oleoresin).—Firm raw material contributes to firm prices on this oleoresin. Steady demand of about normal size.

Caraway.—Sellers buy close to real needs. Very firm market based on replacement situation. Substitutes being considered.

Cassia.—Strong situation. Local activity satisfactory. Prices show strength based on call and on danger of replacement interruption.

Cedarleaf.—Moderate activity. Routine call along jobbing lines. Steady prices.

Cedarwood. — Inquiry less active. Sales down moderately. Prices still well stabilized.

Celery.—Cost of manufacture would be high. Raw material prices govern future costs. Local activity routine.

Citronella. — Difficulty surrounds shipments from source. Freighters none too plentiful. No shortage of oil here. Prices easy.

Clove.—Firm at late decline. Demand normal for season. Stocks in good shape.

Coriander.—Source of seed cut off. Huge arrivals of late to prevent early shortage raw material. Oil firmer. Demand fair.

Croton.—Not much call. Strictly jobbing. Fair stocks. Steady price.

Dill.—Domestic production up. Seasonal situation. Market easier.

Eucalyptus. — Demand moderate. Firm prices. Little competition. Replacement transport slow, uncertain. Cost maintained at source.

Geranium.—Primary markets very firm. Spot likewise. Fair demand gains some.

Grapefruit.—Steady to firm. New crop ahead. Outlook good.

Ginger.—Raw material easier and lower again. Primary market offerings gain. Oil prices hold. Routine demand is jobbing.

Juniper.—Very strong item. Stocks dwindling steadily. No replacement. Little new crop reached here from Europe.

Lavender.—Strong market based on divorcement from primary market supplies. Care used in quantities sold from spot stocks.

Lemon.—Very firm market. Seasonal demand running well up to normal. Domestic production meeting test imposed by war. Total elimination of Italian oil not improbable.

Lemongrass. — Easy. Limited demand. Reasonable replacement cost. Considerable competition.

Lime.—Active up to seasonal levels. Very firm prices. Stocks conservative. Distribution irregular.

Nutmegs.—Plenty of raw material offered cheaply. Undertones unsettled. Oil sales moderate.

Patchouli.—More competition. Prices lowered to $6.50 to $6.75 per pound. Conditions favor buyers.

Peppermint.—Crop estimated at 867,000 pounds, comparing with 835,000 pounds in 1939, and 874,000 pounds in 1938. Indiana yield estimated as 55,000 pounds larger than last year. Oregon output expected to drop 11,000 pounds but Washington gains 1,000 pounds in estimates. Spot market quiet. Prices lower. Natural $2.50 per pound; redistilled, $2.75.

Tansy.—Down to $4.75 to $5 per pound. New crop influence.

Wormseed.—Quotations shaded to $4.20 to $4.30 per pound. Normal seasonal development incidental to new crop influences.

Wormwood.—Reduced to $5.25 to $5.50 per pound. New crop may send values still lower. No buying out of spot stocks.

Aromatic Chemicals

Amyl Phenylacetate.—Steady. Moving well along normal lines. Prices maintained.

Amyl Salicylate.—Inquiry and sales about normal. Up to recent volume. Steady quotations.

Anethol.—Tending firmer owing to raw material situation in China. Anathol movement somewhat dull.

Anisic Aldehyde. — Quiet market. Firm position. Future depends on raw material developments at source.

Benzaldehyde. — Firm to firmer. Moving well. Volume at recent levels. Limited competition.

Benzophenone. — Demand mainly hand-to-mouth. Firm prices.

Benzyl Acetate.—Steady. New developments lacking.

Benzyl Alcohol.—Routine demand maintained. No changes in sight.

Benzyl Benzoate. — Fair demand equal to recent volume. Steady prices.

Benzyl Cinnamate.—More inquiry but little gain in sales. Steady quotations.

Benzyl Propionate.—Very steady market and prices. Changes unlikely soon.

Benzyl Salicylate.—Fairish demand keeps steady prices the rule. Very good stocks.

Benzylidenacetone. — Selling steadily at full prices supported well and clear of competition's influences.

Bornyl Acetate. — Very quiet. Steady prices. Situation routine.

Bromstyrol.—Very firm situation. Selling normally and free from price shading.

Cinnamic Alcohol.—Less inquiry. Sales probably off slightly. No shifting or weakening of prices.

Cinnamic Aldehyde. — Quiet but very steady undertones. No unsettling influences. Sellers show some reserve.

Citral. — Routine trading. Fully firm prices. Stocks conservative.

Citronellal.—More movement along jobbing lines. Firmer prices created. No weak sellers here.

Citronellyl Acetate. — Good call. More activity noted. Steadier prices.

Citronellyl Butyrate. — Moving fairly well on jobbing orders. Quiet price position.

Coumarin.—Business very fair. Call involves some gain in quantities. Price schedule fully maintained.

Diethyl Phthalate. — Sales gain. Result of more inquiry. Firmer prices.

Dimethyl Hydroquinone. — Still reduced sales activities. No adverse influence on prices.

Ethyl Cinnamate.—Volume holding up well. Trade very good at firm prices.

Ethyl Phenylacetate.—Gains in inquiry and sales noted. Improvement moderate. Quotations steady.

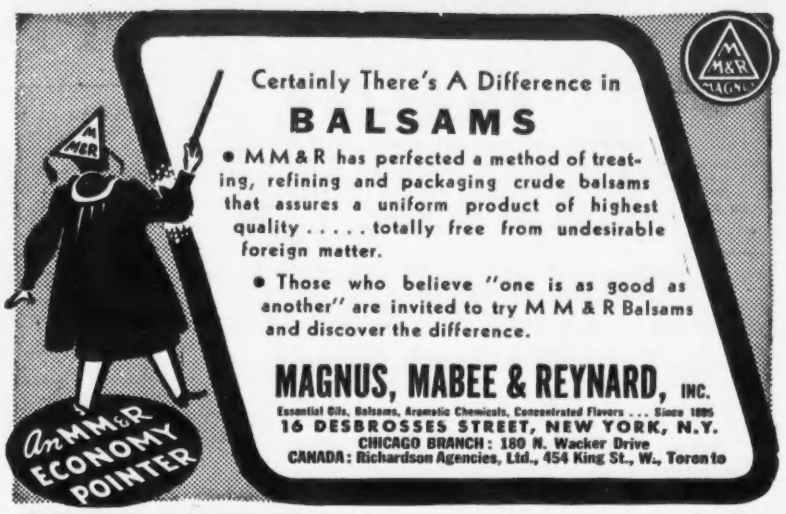
Ethyl Vanillin.—Movement satisfactory. Buyers cover needs fully and promptly. Firm prices.

Eucalyptol.—Market slower. Orders fewer. Quantities needed maintained. Prices very firm.

Eugenol.—Steadier. Prices maintained well. Full stability in price noted.

Geraniol.—Trade entirely routine

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7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and conventional. Prices steady to firm.

Geranyl Acetate.—Trade slightly slower. Buyers buying closer to actual needs. No price unsettlement, actual or potential.

Geranyl Formate.—More activity. Inquiries more numerous with orders resulting in good volume. Steady prices.

Geranyl Phenylacetate. — Demand hand-to-mouth. For prompt needs only. Competition limited.

Heliotropine.—Firm. No competition. Stocks conservative.

Chicago Drug Club Golfers Tune-Up for Detroit Club

The golfing members of the Chicago Drug & Chemical Association and the Chicago Perfumery, Soap & Extract Association held a tournament August 13 at the Calumet Country Club, Homewood, Ill. This was in the nature of a tune-up for the inter-city match with the Detroit Allied Drug and Cosmetic Association for the Fort Dearborn trophy which will take place September 13 at the Olympia Fields Country Club, Olympia Fields, Ill. The winners were:— H. Woulfe, E. Smith, T. Sayers, H. K. Young, S. M. Lind, A. Frantz, W. Johnson, C. Leonard, F. Degener, E. Drach, J. Gauer, T. Jesdale, George Becker, W. A. Rotherman, Don Glenister and R. Carlson.

Peppermint Oil Output Aug. Estimate 4% Higher

Production of peppermint oil in Indiana, Michigan, Ohio, Oregon, and Washington is forecast at 867,000 pounds in the August crop report of the Agricultural Marketing Service, Department of Agriculture. This compares with 835,000 pounds produced in 1939 and is a gain of 4 percent, but is less than the ten-year average of 874,000 pounds. The principal increase is expected in Indiana, all other areas, excepting Washington, being expected to produce less oil. Another governing factor is the forecast of a rise of 2,260 acres under cultivation.

Acreage under cultivation is estimated at 30,930 acres, compared with 28,670 acres cultivated in 1939 and the ten-year average of 37,660 per year. The forecast on yield sets 1940 production at 28 pounds to the acre, comparing with 29.1 pounds in 1939 and the ten-year average of 23.2 pounds per acre.

The following are statistical data prepared by the marketing service and issued on August 8:—

***Production**

	Pounds 1940.	Pounds 1939.
Indiana	324,000	269,000
Michigan	421,000	429,000
Ohio	3,000	8,000
Oregon	79,000	90,000
Washington	40,000	39,000
Totals	835,000	867,000

Acreage

	Acres 1940.	Acres 1939.
Indiana	12,000	9,600
Michigan	15,600	15,900
Ohio	80	240
Oregon	2,250	2,150
Washington	1,000	780
Totals	30,930	28,670

Yield Per Acre

	Pounds 1940.	Pounds 1939.
Indiana	27.0	28.0
Michigan	27.0	27.0
Ohio	37.0	32.0
Oregon	35.0	42.0
Washington	40.0	50.0
†Totals	28.0	29.1

* Includes some spearmint.
† Weighted average.

Pratt & Lambert, Inc., paint and varnish manufacturer, Buffalo, will give an outing for its employees at Edgewater Park, Grand Island, in Niagara river, August 24. Employees of the Fort Erie, Ont., plant will join in the festivities.

Petroleum Solvents, Lubricants, Fuels

Petroleum Market Devoid of New Features—General Business Routine and Normal—Crude and Refined Paraffin in Good Demand — Gasoline Still Easy

A week devoid of any noteworthy features was reported in the market for petroleum products. On the whole, products were moving in normal fashion for this time of year and buying, such as it was, was conservative. Consumers were ordering only enough material to cover their immediate needs.

Crude scale wax demand held to satisfactory levels and there was a noticeable pick-up in buying interest in refined grades. White oils and petrolatums were in sluggish demand. Rubber solvent was moving fairly well and other solvents and diluents were routine.

Gasoline consumption was still good, but a flood of offerings and large inventories prevented any price improvement. Bunker C fuel oil was in fair demand. Reports were that the posted price could be shaded at New York harbor. Lubricating oil prices were slightly firmer in all sections and buying interest improved. Despite the present low prices being paid for lubricants, prominent suppliers were optimistic about the future, feeling that vast improvements will be seen soon.

Solvents and Diluents

Aromatic Naphthas. — Moderate movement. Prices firm and unchanged.

Cleaners' Naphtha.—Slightly better buying interest. Orders for immediate needs only. Price steady.

Lacquer Diluent. — Conservative demand from lacquer manufacturers. Orders small in volume. Price unchanged.

Petroleum Thinners.—Paint manufacturers buying small quantities to cover for immediate needs. Inquiry light. Prices firm and unchanged.

Rubber Solvent.—Slight pick-up in orders reported. Tire makers buy lightly. Price steady.

Stoddard Solvent. — Regular but small shipments to the cleaning trade. Inquiry fair. Price unchanged.

V. M. & P. Naphtha.—Consuming industries taking out small quantities. No change in price.

Markets at Other Centers

Chicago—August 15

The petroleum solvent and diluent market is in fairly stable condition, with various consuming industries taking out good-sized quantities. Price cutting continues a moderate influence. Ruling prices f.o.b. Group 3 in tankcar lots are: —Blending naphtha, 4c. to 4¼c. per gallon; cleaners' naphtha, 6½c. to 6¾c.; petroleum spirits, 5½c. to 5¾c.; rubber solvent, 6½c. to 6¾c.; lacquer diluent, 7c. to 7¼c.; Stoddard solvent, 6¼c. to 6½c.; V.M. & P. naphtha, 6½c. to 6¾c.

New Orleans—August 15

Petroleum solvents and diluents were moving in routine fashion. Prices were unchanged and firm at the following levels:—

CLEANING SOLVENT.—Boiling range 225/350, gravity 53, 6¾c. delivered New Orleans in tankcars.

Price Changes

Advanced

None

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

V.M.P. NAPHTHA.—Boiling range 175/425, gravity 48, 6½c. delivered New Orleans in tankcars.

Tulsa—August 15

Demand from tire manufacturers remains at a high level and rubber solvent is in good movement. This solvent, v.m. & p. and cleaner's naphtha are 6½c. to 6¾c. per gallon. Other prices are:—Stoddard solvent, 6⅛c. to 6½c. per gallon; lacquer diluent, 7c. to 7¼c.; petroleum spirits, 5½c. to 5¾c. and blending naphtha, 4c.

Lighter Fractions

Butane.—Fairly active buying interest reported. Spot demand for small quantities. Shipments regular. Price steady.

Heptane. — Routine movement noted. Shipments light and irregular. Price unchanged.

Hexane. — Demand poor. Price firm.

Octanes.—Seasonal interest. Price unchanged.

Propane.—Fair sales volume. Price steady.

Petrolatums and Waxes

White Mineral Oils. — Business slow. Pick-up expected about middle of next month. Prices firm and unchanged.

Petrolatums.—Little of new interest. Sales small. Prices steady.

Paraffin.—Crude scale in fairly good demand. Refined grade sales volume showed pick-up. All prices firm and unrevised.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1940 Jan. 1-Aug. 17	1939 Jan. 1-Aug. 17
Commercial crude oil production	847,202,000	801,072,564
	Week ended Aug. 17, 1940	Week ended Aug. 18, 1939
Daily average production	3,486,248	3,539,436
Bureau of Mines estimate	3,657,600	3,521,900
	Week ended Aug. 10, 1940	Week ended Aug. 3, 1940
Estimated motor fuel stocks	88,115,000	89,492,000
Estimated finished motor fuel stocks	81,371,000	82,669,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

Association meetings:—
National Petroleum, Sept. 18-20, Atlantic City.

The State of the Petroleum Market

Crude oil prices and quotations on gasoline at refinery were unchanged last week.

	Aug. 16	Aug. 9	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.1720	$1.1720	$1.127
Gasoline prices at refineries (at four refining centers) per gallon	.0517020	.0517020	.0491875

Chicago—August 15

Refined petroleum paraffin is quiet and marking time. Inquiries and current business both are along routine, anticipated lines. Buyers want immediate shipment of most material. Ruling prices are:—122-124, 5.6c. to 5.65c. per pound; 125-127, 5.6c. to 5.65c.; 127-129, 5.85c. to 5.9c.; 130-132, 6.15c. to 6.2c.; 132-134, 6.4c. to 6.45c.

Tulsa—August 15

Crude scale material is unchanged at 2½c. to 2¾c. per pound for the 124-126 material.

Fuels and Lubricants

Gasoline.—Tone of the market continued to be easy around New York harbor. Buyers were purchasing along restricted lines.

Kerosene.—Inquiry was somewhat more active. Spot demand small. Prices firm and unchanged.

Fuel and Gas Oils.—Major suppliers continued to quote Bunker C fuel oil at $1.25 per barrel but reports persisted that this price could be shaded. The market for domestic heating oils was more active and general tone seemed to be improving.

Lubricating Oils. — Pennsylvania bright stocks and neutrals unchanged. Slight pick-up in demand.

Markets at Other Centers

Chicago—August 15

Although considerable price irregularity persists, refinery gasoline is giving a better account of itself currently than in several weeks. Orders are well maintained at high rates after the slump in July. Kerosene movement has been good. Tractor fuel orders are fair. Heating oils are easy. Heavy fuels are holding their own. Lubricants remain nervous.

GASOLINE.—High octane motor, regular, 4⅝c. to 4⅞c. per gallon; middle octane motor, 4¼c. to 4½c.; low octane motor, 3⅞c. to 4⅛c.; 60-62, 400, 4c. to 4⅛c.; 64-66, 375, 4⅛c. to 4¼c.; 68-70, 360, 4¼c. to 4½c.

KEROSENE.—42-44, water white, 4c. to 4¼c. per gallon; 41-43, water white, 3⅞c. to 4⅛c.

FURNACE OILS.—Range oil, 3⅝c. to 3⅞c. per gallon; No. 1 white, 3½c. to 3¾c.; No. 1 straw, 3⅜c. to 3⅝c.; No. 2 straw, 3¼c. to 3½c.; No. 2 dark, 3¼c. to 3⅜c.; No. 3, 3⅛c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 75c. to 80c.; No. 6, 60c. to 70c.

New Orleans—August 15

Domestic market firm during the week, with no changes in listed prices. U. S. motor gasoline at 5¼c.; 63-67 octane at 5½c., and 70-72 octane at 6c.—all on a per gallon basis at refinery. Kerosene was at 7½c. per gallon at refinery. Bunker C fuel oil was at 80c. per barrel at terminal and 85c. delivered alongside, while industrial plants were quoted at $1.46, delivered alongside.

Crude Oil Daily Output Down

Daily average gross crude oil production in the United States during the week ended August 10 was 3,475,200 barrels, a decrease of 18,250 from the 3,493,550 in the previous week, according to the American Petroleum Institute. A gain of 30,200 barrels in the daily average output of California and a decline of 28,200 in Oklahoma production were the greatest changes.

Stocks of finished and unfinished gasoline in the United States at the close of the week were 88,115,000 barrels, a decline of 1,377,000 from a week earlier. A year ago, these stocks were 76,066,000 barrels. Finished gasoline stocks declined 1,298,000 barrels to 81,371,000, compared with 70,090,000 on August 10, 1939.

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Tulsa—August 15

Gasoline continued to be in good consumption but a flood of offerings and heavy stocks on producers' hands remained disturbing influences. Prices this week were a bit steadier but no actual improvement was noted. The high rate of industrial activity continued to buoy the market for fuel oil, making the undertone firmer than it ordinarily is this time of year. Kerosene demand was at the same level and prices were firm and unchanged. Tractor fuel and distillates were moving in routine fashion. The market for lubricating oils was slightly firmer, although prices still were considered at abnormally low levels. Demand was better and there were more regular shipments made. Prices on petroleum products in the Midcontinent were:—

GASOLINE.—U. S. Motor, 3½c. to 4⅛c. per gallon and 63-66 octane, is 4c. to 4½c. top grade is 4⅝c. to 4⅞c.

KEROSENE.—The 41-43 gravity is 3¾c. to 4c. per gallon and the 42-44 water white is 3⅞c. to 4⅛c.

NATURAL GASOLINE.—The 18-55 is 1¼c. per gallon in Texas and 1¾c. to 1⅞c. in Oklahoma. The 26-70 is 1¼c. in Texas and 1½c. in Oklahoma.

DISTILLATES.—No. 1 prime white, 3¼c. to 3½c. per gallon; straw, 3⅛c. to 3⅜c.; No. 2 is 3¼c. to 3⅜c.

Asphalt Sales Up

Domestic and foreign asphalt demand was 8 percent larger in 1939 than in 1938. To meet an increase of 364,100 short tons in domestic demand petroleum refineries in the United States enlarged their output of asphalt 447,500 tons, from 4,506,900 tons in 1938 to 4,954,400 tons in 1939, according to the Bureau of Mines.

Imports of lake asphalt, grahamite, and petroleum asphalt increased 40,400 tons in 1939 over 1938. In consequence stocks of asphalt of refineries were 59,600 tons higher on December 31, 1939, than on December 31, 1938, in contrast with a decrease of 67,000 tons in asphalt inventories during 1938. The indicated domestic demand for petroleum asphalt, including small quantities of Trinidad lake asphalt and Cuban grahamite, increased 8 percent, from 4,404,846 short tons in 1938 to 4,768,960 tons in 1939.

Trade Ass'ns Must Know Antitrust Laws

—Continued from page 5

Federal Trade Commission act, of certain sections of the Clayton act, or the criminal sections of the Sherman act or any other statute, is believed to have occurred. The commission reserves the right in all cases, for any reasons which it regards as sufficient, to refuse to extend the privileges of stipulation. All stipulations are for the public record.

Cases Involving Trade Associations

The following table shows the number of complaints and orders to cease and desist issued by the Federal Trade Commission during the calendar years 1935 to 1938, inclusive, against trade associations or business groups alleging the use of unfair competitive practices (news letter No. 114, Trade Association Department, United States Chamber of Commerce, January, 1939):—

Complaints—1935, 17; 1936, 13; 1937, 15; 1938, 20.
Orders to cease and desist—1935, 11; 1936, 10; 1937, 13; 1938, 15.

About two-thirds of the cases involved trade associations which were national in scope, and about one-third involved groups primarily of a local or regional character.

The practices condemned in the orders did not differ materially from those of previous years. They included undertakings, agreements, combinations, or conspiracies, entered into for the purpose, or with the effect of restricting, restraining, suppressing, or monopolizing, or eliminating competition, such as the following:—

(1) Making agreements or understandings which fix or tend to fix uniform prices, price differentials, or other terms of sale.

(2) Compiling and distributing prices, terms of sale and lists of special customers for the purpose of enforcing or maintaining agreements concerning prices.

(3) Compiling and circulating "white" lists of "recognized" firms of "black" lists of "nonagreeing" firms.

(4) Initiating uniform prices or applying a uniform price system or program for one or more States.

(5) Making effective simultaneously delivered price changes.

(6) Causing the revised price lists of any respondent to be filed with any of the other respondents after any revision of the same for the purpose of restraining competition.

(7) Requesting or urging distributors and dealers to report instances of price-cutting.

(8) Negotiating with producers charged with price-cutting in an attempt to eliminate further price concessions.

(9) Agreeing to use a basing-point system as a means of setting uniform delivered prices.

(10) Inducing distributors to refrain from selling outside of a restricted trade territory.

(11) Inducing producers or dealers not to exceed quotas established by agreement.

(12) Collectively agreeing upon any formula to be used in computing bids or upon standards of cost, either of labor or material.

(13) Collectively cooperating with labor unions in requiring or agreeing that competitors be required to employ steadily a specified number of mechanics at a fixed rate of pay as a condition to securing mechanics.

(14) Requiring certain work to be done on the job as a condition to securing mechanics.

(15) Attempting by concerted action (promised patronage, threatened or actual boycott) to induce manufacturers or distributors to trade solely, or upon more favorable terms, with those complying with agreements.

(16) Levying penalties upon parties to an agreement for failure to adhere to the agreement.

(17) Demanding or exacting penalties or commissions on sales to nonmembers.

(18) Submitting to an investigation or examination, under oath or otherwise, with respect to prices or concessions for the substantial lessening or suppression of price competition.

(19) Bidding or refraining from bidding with the understanding that business will be apportioned among two or more parties.

(20) Bidding below cost to restrain competition.

(21) Assigning contracts of members to a jointly owned subsidiary as a means of controlling competition.

(22) Other cooperative or coercive means of suppressing competition or otherwise restraining trade.

In one case the commission included in the cease and desist order a special provision that none of the prohibitions should prevent the lawful gathering, compilation, and distribution to the trade of statistics, including discounts, net prices, terms and conditions, and other particulars of closed transactions.

(To be continued)

La. 'Hot Oil' Case Revived By Four Charges of Bribery

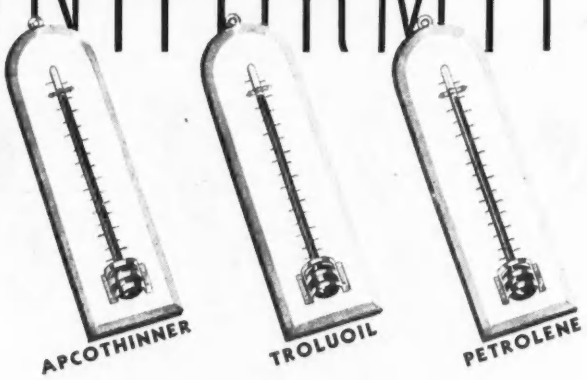
New Orleans, Aug. 13, 1940

The district attorney of Orleans Parish today lodged bribery charges against Governor Richard W. Leche and Seymour Weiss, prominent hotelman here and in New York, and others that figured in the 1939 Federal investigation of "hot oil" charges in Louisiana.

Freeman W. Burford, Texas oil man, and A. C. Glassell of Shreveport, president of the Pelican Oil & Gas Line Company, were named as having given Mr. Leche and Mr. Weiss the alleged bribe of $48,592.66 or ten cents a barrel "commission" for each barrel of oil produced under an alleged illegal order violating the Connally Act. The bills of information were based on allegations in a federal indictment returned here August 7, 1939, against Leche, Weiss and Burford, but never brought to trial because the government was unable to obtain custody of Burford.

Cities Service Oil Company, this city, last week opened the six-story building that will be its Boston headquarters. R. J. Hull is in charge of the new office.

UNIFORMITY



---MOUNTING *Higher* IN SATISFACTORY RESULTS

ANDERSON-PRICHARD INDUSTRIAL NAPHTHAS

The longer you use Anderson-Prichard industrial naphthas the more you appreciate the correctness of our theme—UNIFORMITY! As leading manufacturers in the industry have clearly proved, the dependable quality of Apcothinner, Troluoil and Petrolene is demonstrated in the performance of the finished product. Have you inquired as to the service available from our research laboratory on your special formula problem? Ask our nearest representative.

Atlantic Division: D. H. LITTER CO. NEW YORK BOSTON PHILADELPHIA

ANDERSON-PRICHARD OIL CORPORATION
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OKLAHOMA CITY, OKLA.

Canadian Representatives: APCO PETROLEUM PRODUCTS, LTD. MONTREAL TORONTO

AKRON CINCINNATI CHICAGO CLEVELAND KANSAS CITY ST. LOUIS DETROIT INDIANAPOLIS PITTSBURGH SOUTH BEND MILWAUKEE

Fertilizer Materials

Organic Fertilizer Materials Inactive—Fish Scrap, High-grade Blood Down—Small Advance in Imported Blood—Sulphate Of Ammonia Very Tight—Export Sales Good

The market for organic fertilizer materials turned sluggish last week making the quiet of the past month more pronounced. Menhaden futures were reduced sharply but the lower price failed to effect any noteworthy increase in contracting activity. Acid scrap and Japanese sardine meal also were lowered. Domestic high-grade ground blood was down in Chicago but the price of imported blood was slightly higher. The reason for this advance was that there were heavy shipments of the South American blood to the West Coast last week and stocks in the East were depleted somewhat. The only other advance was a small one in cottonseed meal.

The market for chemicals was more active. The sulphate of ammonia situation remained very tight. Domestic buyers were pretty well contracted for their desired quotas but there was little spot material available because exporters were gobbling up any surplus. Sulphate was being sold freely at $38 per ton for export. Shipments of nitrate of soda were heavy and many consumers were encountering difficulty in obtaining bagged supplies. Phosphate rock and superphosphate were moving well at unchanged prices.

That Japan shipped 30,555 long tons of sulphate of ammonia to the United States in the first half of 1940 was erroneously reported in the last issue of the REPORTER. The said 30,555 long tons actually came from Canada. Japan, however, was the United States' best sulphate customer, taking 36,761 tons of the total 64,801 exported by this country in the first half of the year.

Nitrogenates

Ammonia Phosphate.—Little material available. Price firm.

Calcium Nitrate. — No offerings made. Prices withdrawn.

Cyanamid.—Offerings limited. No price changes.

Dried Blood.—High-grade ground material reduced 25c. per unit to $2.25, f.o.b. Chicago. Imported advanced 5c. per unit to $2.35, c.i.f. ports.

Fish Scrap.—Menhaden futures offered at $3.10 and 10c. per unit, a 15c. reduction. Acid scrap lowered 25c. per unit to $2.25 and 50c. Japanese sardine meal quoted at $51 per ton, a $1 reduction.

Nitrate of Soda.—Contracting active. Shipments satisfactory. Prices firm and unchanged.

Nitrogenous Material. — Demand small. Price firm and unchanged.

Sulphate of Ammonia.—Spot material tight. Exporting heavy.

Tankage.—All prices firm and unchanged. Market quiet.

Potashes

Various fertilizer potash materials were in good demand for prompt shipment last week. The supply situation was fairly tight. Imported stocks were depleted. Shipments of domestic products were heavy. Prices were firm and unchanged.

Phosphates

Bone Materials.—Conservative buying continued to feature the market. Small stocks of feed material were in fairly good demand. Prices were steady and unchanged.

Phosphate Rock.—Normal demand and shipments. Inquiry fairly good. Prices steady.

Superphosphate. — Sales volume fair. Prices firm.

Sulphur and Pyrites

The demand for crude sulphur was less active during the period but prominent suppliers were still satisfied with the market. Shipments were fairly heavy. Prices were unchanged.

Markets at Other Centers

Atlanta—August 14

The market for fertilizer materials continues quiet. Favorable prices for tobacco, with the opening of markets in Georgia and Florida, has been encouraging to fertilizer manufacturers in the tobacco belt. Quotations on leading materials are as follows:—

SUPERPHOSPHATE.—52c. per unit, interior producing points.

NITRATE OF SODA. — Prices unchanged.

SULPHATE OF AMMONIA.—Scarce, $28 per ton, port basis.

COTTONSEED MEAL.—8 percent grade, $27.25 per ton, Southeastern points.

BLOOD.—South American, $2.35, port basis; $2.25, Chicago.

TANKAGE.—South American, $2.40 and 10c., port basis.

Baltimore—August 14

The market for crude fertilizer materials is moving in very sluggish fashion. Figures named are hardly more than nominal. Only immediate needs are taken care of, with current prices about as follows:—

FISH SCRAP.—This ammoniate eased off to $3.10 and 10c. per unit-ton.

SUPERPHOSPHATE.—Unchanged at $8 per ton for 16 percent, and at $8.50 per ton for 16 percent guaranteed.

TANKAGE.—Quiet, with quotations at $2.25 and 10c. per unit-ton, f.o.b. shipping point for unground material.

DRIED BLOOD. — Domestic supplies held at $2.25 per unit-ton, f.o.b. shipping point and at $2.35 per unit-ton for South American production.

Chicago—August 14

Inquiry is picking up recently for various grades of fertilizer materials, but it is proving difficult for the market to attain much momentum toward improvement. Organics have attracted some attention from the trade. Blood is slow. Tankage is in fair position. Movement of bone materials is a little better.

BLOOD.—Principal grade, $2.55 to $2.60 per unit of ammonia.

TANKAGE.—High grade, feeding, $2.75 and 10c.; hoof meal, $2.25 to $2.40; liquid stick, $1 to $1.25.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $29 to $30; 3 and 50 percent, $30 to $33; 4½ and 50 percent, $31 to $33; grinding hoofs, pigs' toes and waste horn materials, $34 to $35; cattle jaws, skulls and knuckles, $34 to $35; pork cracklings, soft pressed, $35 to $37.50; beef cracklings, soft pressed, $32.50 to $35; hard pressed cracklings, per unit of protein, 57½c. to 62½c.

San Francisco—August 14

Markets are generally well sustained, both in organics and chemicals. Tankage and blood are steady to strong, even with the appearance of South American products. Fish meal is unchanged. Purchasing is along fair lines. Sulphate of ammonia has been sold out for the season. No Canadian production offered. Ruling prices are:—

SULPHATE OF AMMONIA.—$38 per ton in 100-pound bags, delivered inland points.

SUPERPHOSPHATE. — Domestic, 80c. per unit in bulk, f.o.b. San Francisco; bags, 91c.

NITRATE OF SODA.—100-pound bags, $29 per ton, and 200-pound bags, $28.30, both ex vessel or warehouse.

FISH MEAL.—Spot California sardine meal, $48 per ton, f.o.b. cars, San Fran-

Price Changes

Advanced

Blood, imp. S. Am., 5c. per unit, c.i.f. ports
Cottonseed meal, 25c. per ton, Southeast mills

Reduced

Blood, dom., high-grade grd., 25c. per unit, f.o.b. Chi.
Fish scrap, menhaden, futures, 15c. per unit, Chesapeake Bay
acid, 6-7% ammon., 3% phospor acid, 25c. per unit, So. Atlantic factories
Japanese sardine meal, $1 per ton, c.i.f. ports

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

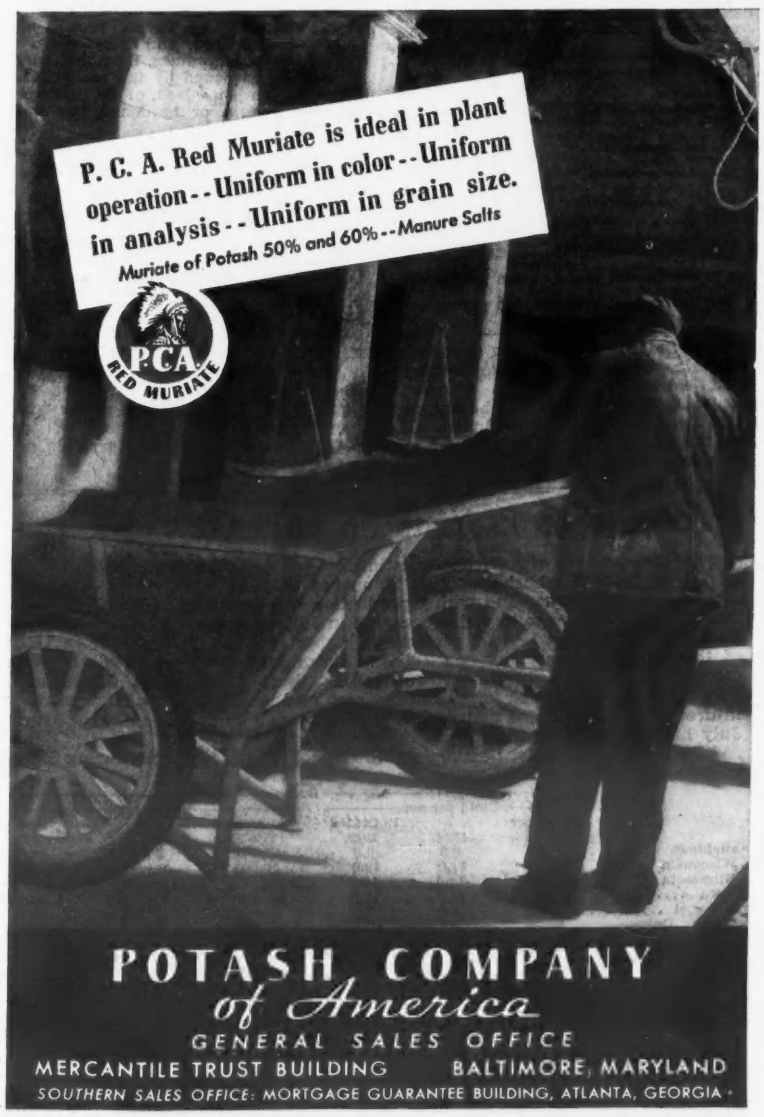
Last week.	Prev. week.	Last month.	Last year.
67.0	67.0	67.0	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

★ Domestic MADE IN U.S.A.
THE BARRETT COMPANY
40 RECTOR ST., NEW YORK
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
REG. U. S. PAT. OFF.
MURIATE OF POTASH
62/63% K_2O, ALSO 50% K_2O
MANURE SALTS
Approximately 30% K_2O
UNITED STATES POTASH COMPANY
INCORPORATED
30 Rockefeller Plaza
New York, N. Y.


P. C. A. Red Muriate is ideal in plant operation--Uniform in color--Uniform in analysis--Uniform in grain size.
Muriate of Potash 50% and 60%--Manure Salts
P.C.A.
RED MURIATE
POTASH COMPANY of America
GENERAL SALES OFFICE
MERCANTILE TRUST BUILDING BALTIMORE, MARYLAND
SOUTHERN SALES OFFICE: MORTGAGE GUARANTEE BUILDING, ATLANTA, GEORGIA

cisco. Northern California futures quoted at $42 per ton San Francisco Bay and $40 per ton Monterey.

TANKAGE.—Unground fertilizer wet rendered, domestic, $2.60 and 10c. per unit-ton, f.o.b. plant. Dry ground, 50%, $32.50 per ton. Argentine, 50%, ground, $31 per ton ex dock, September shipment. Unground, domestic dry, 47½c. per unit of protein, f.o.b. cars, South San Francisco.

BLOOD MEAL.—$2.60 per unit, f.o.b. cars, San Francisco and/or Los Angeles.

Margarin Production Decreased in June

Production of margarin in June totaled 19,854,032 pounds. This compared with 24,676,127 pounds in May, and 21,150,592 pounds in May last year, according to statistics compiled by the Bureau of Internal Revenue, Washington. A comparison of June production with that of the same months last year follows:—

	Pounds	
	June, 1940.	June, 1939.
Production of uncolored oleomargarin..	*19,570,141	†21,030,442
Withdrawn tax paid.	19,472,721	20,729,401

Ingredients used in the production of colored and uncolored margarin in June, 1940, compared with June, 1939, as follows:—

In Uncolored Margarin

	Pounds	
	June, 1940.	June, 1939.
Babassu oil	681,865	1,104,573
Beef fat	.....	14,530
Coconut oil	1,416,518	2,120,921
Corn oil	9,751	21,094
Cottonseed oil	7,377,850	6,702,223
Derivative of glycerin	54,274	49,408
Lecithin	6,119	5,547
Milk	3,757,496	4,093,818
Neutral lard	418,567	81,705
Oleo oil	885,355	997,320
Oleo stearin	233,811	259,907
Oleo stock	68,825	114,521
Palm oil	2,916	.....
Peanut oil	136,755	166,581
Salt	796,293	919,007
Soda benzoate	7,687	8,784
Soybean oil	4,421,376	5,435,208
Soybean stearin	600	.....
Vitamin concentrate	843	1,194
Totals	20,286,901	22,096,341
Production of colored oleomargarin	‡281,891	§80,150
Withdrawn taxpaid	21,808	15,840

In Colored Margarin

Babassu oil	873	1,768
Butter flavor	1	.....
Coconut oil	158,635	7,726
Color	196	100
Corn oil	.....	1
Cottonseed oil	14,566	6,233
Cottonseed stearin	1,470	120
Derivative of glycerin	378	303
Lecithin	68	4
Milk	53,851	17,921
Neutral lard	3,788	3,275
Oleo oil	14,940	11,430
Oleo stearin	2,220	338
Oleo stock	1,256	4
Peanut oil	39	138
Salt	12,362	4,440
Soda benzoate	28	33
Soybean oil	31,978	34,646
Vitamin concentrate	2	1
Totals	296,651	88,475

* Of the amount produced, 28,232 pounds were reworked.
† Of the amount produced, 26,028 pounds were reworked.
‡ Of the amount produced, 568 pounds were reworked.
§ Of the amount produced, 376 pounds were reworked.

U. S. Smelting & Refining Company, Midvale, Utah, will handle Cabdain lead concentrate under a two-year contract. The material will be shipped into United States from British Columbia under bond to be sold for export in three years.

Oils, Fats and Waxes

Waxes

—Continued from page 47

proved call along jobbing lines Stable prices.

Carnauba.—Sharp price trend reversal. Market up, spot and Brazil. Shorts reported in scramble to cover. Hard to buy any wax. Upward pressure on prices strong. New market: Ton lots, No. 3 chalky, 46c. per pound; No. 3 North Country, 47c.; No. 1 yellow, 62c.; No. 2 yellow, 61c.; refined, 55c.

Japan.—Reports of an advance not substantiated. Still offered currently at 15½c. to 16c. per pound.

Cottonseed Shipments Freed from Beetle Ban

OPD Washington Bureau
August 15, 1940

Baled cotton lint and linters, and cottonseed when free from gin trash may move in interstate from any area infested with white-fringed beetles until February 1, 1941, without compliance with the certification requirements, provided they are free from soil and provided sanitation practices are maintained to the satisfaction of the inspector. The Bureau of Entomology and Plant Quarantine so ruled today.

Lard Definitions Issued By Agriculture Dep't.

—Continued from page 5

good health at the time of slaughter, with or without lard stearin or hardened fat. The tissues do not include bones, detached skin, head fat, ears, tails, organs, windpipes, large blood vessels, scrap fat, skimmings, settlings, pressings, and the like, and are reasonably free from muscle tissue and blood.

Rendered Pork Fat: the fat, other than lard, rendered from clean, sound carcasses, parts of carcasses, or edible organs from hogs in good health at the time of slaughter, except that stomachs, tails, bones from the head and bones from cured or cooked pork are not included. The tissues rendered are usually fresh, but may be cured, cooked or otherwise prepared and may contain some meat food products. Rendered pork fat may be hardened by the use of lard stearin or hardened lard, or by rendered pork fat stearin or hardened rendered pork fat.

Petroleum L.C.L. Freights Not Allowed by I.C.C.

OPD Washington Bureau
August 12, 1940

The Interstate Commerce Commission has ordered the cancellation of schedules proposing the establishment of lower less-than-truckload commodity rates on petroleum and its products from Philadelphia, Pa., to Erie, Pa., and points in New York. The proposed rates would have applied over lines of all motor carriers which are members of the Middle Atlantic Motor Carrier Conference, Inc.

Flaxseed Crop Estimate Up August 1

The Department of Agriculture estimate as of August 1 of the 1940 flaxseed crop was 29,279,000 bushels. This compares with an estimate of 28,801,000 bushels a month earlier and with a production last season of 20,330,000 bushels. Less than usual damage to yields occurred in July this year with the result that the estimated August 1 yield per acre is higher than a month earlier in eight of the fourteen important flax States. From Minnesota westward through the major flax area of the central and northern Great Plain States, high July temperatures forced growth of the crop and in some sections dry weather injured the bolls. Rains and cooler weather which came to this area late in July have been an offsetting influence.

Details of the August 1 estimate with respect to the several producing States follow:—

	Bushels					
	Yield per acre			Production		
	Average 1929-38.	1939.	Indicated 1940.	Average 1929-38.	1939.	Indicated 1940.
Michigan	8.8	8.5	9.0	59,000	68,000	81,000
Wisconsin	10.7	11.0	12.0	58,000	121,000	168,000
Ninnesota	8.2	10.0	10.0	5,140,000	12,230,000	15,410,000
Iowa	9.1	10.5	12.0	147,000	945,000	2,400,000
Missouri	4.2	6.5	6.0	13,000	26,000	30,000
North Dakota	4.3	5.0	5.5	3,342,000	2,055,000	3,619,000
South Dakota	4.2	8.0	7.7	959,000	1,296,000	2,171,000
Nebraska	5.5	6.0	10.0	38,000	6,000	20,000
Kansas	5.9	7.9	9.0	280,000	735,000	1,170,000
Texas	..	11.5	6.0	.....	207,000	174,000
Montana	3.6	4.5	6.0	493,000	562,000	810,000
Idaho	..	8.5	8.0	.....	85,000	40,000
Arizona	..	22.0	22.0	.....	110,000	264,000
Washington	..	11.0	9.5	.....	99,000	66,000
Oregon	..	9.5	8.5	.....	57,000	42,000
California	17.3	16.0	21.0	549,000	1,728,000	2,814,000
United States	6.0	8.9	9.2	10,846,000	20,330,000	29,279,000

What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

Fully protected by Copyright

Three-hundred-thirty-ninth Instalment

Paper

Preservatives for Paper and Pulp

(Continued from August 12 issue)

Hexamethylenetetramine
Hydrofuramide
Lithium fluosulphonate
Moldol
Paraformaldehyde
Pentachlorophenol
Potassium fluosulphonate
Phenol
Presentole
Pyridin
Quinolin
Salicylic acid
Sodium chloride
Sodium fluoride
Sodium fluosulphonate
Sodium orthophenylphenate
Sodium salicylate
Sodium sulphate
Vucinotoxin
Zinc fluosulphonate
Zinc sulphate

Reagents for Assay of Cellulose

Bromine water (H. Muller)
Bromine water (Muller-Klason)
Chlorine (Cross and Bevan)
Concentrated chlorine water
Diluted chlorine water
Glycerin and sulphuric acid (Konig)
Hydrogen peroxide
Muriatic acid and potassium chlorate (Hoffmeister)
Nitric acid (Cross and Bevan)
Nitric acid and potassium chlorate (Schulze)
Nitrous acid (German patent 204,406)
Nitric and sulphuric acids (Lipschutz)
Phenol (German patent 94,467)
Potassium permanganate, neutral
Potassium permanganate and acetic acid
Potassium permanganate and hydrochloric acid
Potassium permanganate with nitric acid (Zeisel and Etritar)
Sodium oxychloride

Reagents for Cleaning Papermill Felts and Other Equipment

Ammonia
Ammonium chloride
Aqua ammonia
Hexamethylenetetramine
Sodium metasilicate

Reagents for Removing Printing Ink from Paper

Alkali sulphites
Alums
Ammonium linoleate, followed by carbon tetrachloride or carbon bisulphide
Benzin
Calcium carbonate
Calcium hydroxide
Fats
Glycopon 590
Hydrocarbon solvents
Hydrochloric acid
Margarin
Metacresol
Nitric acid
Oleic acid
Oleic acid soaps
Paracresol
Petrolatum
Phenol
Potassium carbonate
Soaps
Sodium bicarbonate
Sodium carbonate
Sodium hypochlorite
Sodium metasilicate
Sodium phosphate
Sodium sulphoricinoleate, followed by carbon tetrachloride, carbon bisulphide, or other suitable solvent
Sodium tetraborate
Stearic acid soaps
Sulphides
Sulphuric acid, weak
Thionates
Thiosulphates
Vaseline
Vegetable fats

Sizing, Coating, and Glazing Agents for Paper

Abopon
Acacia
Accroides gum
Acetylarabin
Agar
Alum
Aluminum hydroxide
Aluminum sulphate
2-Amino-5-acetyl-4'-oxy-3'-carboxydiphenylsulphone
Ammonium bicarbonate
Ammonium borate
Ammonium chloride
Ammonium hydroxide
Ammonium phosphate
Ammonium tungstate
Ammonium-aluminum sulphate
Amylun
Barium nitrate
Barium oxide
Barium sulphate
Bauxite
Beeswax
Blackboy gum
Blood albumen
Calcium chloride
Calcium-magnesium chloride
Casein
Cellulose esters and ethers
Chalk
Chinese wax
Chlorinated rubber
Clay
Cornstarch
Cotosize
Complex borophosphate
Cryolite
Crystalic
Dextrin
Dry-tex
Farina
Feldspar
Flaxyl
Gelatin
Glue
Gum arabic
Gum karaya
Gum senegal
Halogenated rubber derivatives
Insect wax
Isinglass
Kaolin
Lacquer
Lupogum
Magnesium chloride
Mastic
Metaphosphoric acid
Migasol EP
Montan wax
Opalwax
Paracol
Paraffin
Potassium nitrate
Potassium silicate
Potato starch
Rice flour
Rosin
Rosin oil
Rosin size
Rosin soap
Saccharin
Shellac
Silica
Silicon phosphate
Sodium aluminate
Sodium bicarbonate
Sodium bisulphate
Sodium carbonate
Sodium chloride
Sodium hydroxide
Sodium palmitate
Sodium silicate
Sodium-aluminum sulphate
Soybean oil
Soysein
Spermaceti
Starch
Starch compounds
Sugar
Talc
Tall oil
Tallow
Vegetable protein
Yacca gum
Zinc chloride

Slime Preventives in Making Paper

Ammonia
Chloramine
Chlorine
Dichloramine
Monochloramine

Solvents for Cellulose

Cuprammanium hydrate solution
Sulphur trioxide with selenium oxychloride
Thiocyanates
Thiocyanates with citric acid
Thiocyanates with calcium chloride
Zinc chloride dissolved in twice its weight of 35 percent hydrochloric acid
Zinc chloride solution (40 to 50 percent)

Solvents for Removing Oil from Paper

Acetylene tetrachloride
Alcohols
Amyl acetate
Amyl alcohol
Benzene
Butyl acetate
Butyl alcohol
Butylcellosolve
Carbon bisulphide
Carbon tetrachloride
Cellosolve
Cellosolve acetate
Chloroform
Dichloroethylene
Dichloromethane
Diethyl carbonate
Dibutyl ether
Dichloroethyl ether
Diethylene oxide
Diethyleneglycol
Diethyleneglycol monoacetate
Diethyleneglycol monoethylether
Ethers
Ethyl acetate
Ethyl alcohol
Ethyl ether
Ethyleneglycol
Ethyleneglycol isoamylether
Ethyleneglycol isobutylether
Ethyleneglycol isopropylether
Ethyleneglycol methylether
Ethyleneglycol monobutylether
Ethyleneglycol monoethylether acetate
Glycol diacetate

(To be continued)

Shipping Information

All matter under this heading fully protected by copyright

Imports at U.S. Ports

New York Imports

AMMONIA SULPHOICHTHYOLATE—100 cs, Amtorg Trading Corp, Murmansk

ALOE—100 cs, Selma Mercantile Corp, Curacao
23 cs, Wessel, Duval & Co, Curacao
174 cs, Selma Mercantile Corp, Curacao
30 cs, Wessel, Duval & Co, Curacao
80 cs, S B Penick & Co, Capetown
20 cs, Selma Mercantile Corp, Curacao
200 cs, Wessel, Duval & Co, Aruba

ANNATTO SEED—100 bgs, Guayaquil
150 bgs, Guayaquil

ANTIMONY ORE—323 bgs, New York & Cuba Mail S S Co, Vera Cruz
736 bgs, New York & Cuba Mail S S Co, Vera Cruz
49 bgs, American Smelting & Refg Co, Tampico
373 bgs, New York & Cuba Mail S S Co, Tampico
804 bgs, New York & Cuba Mail S S Co, Tampico
438 bgs, New York & Cuba Mail S S Co, Tampico
316 bgs, Metal Traders, Inc, Callao

ARSENIC, BLACK — 98 bbls, American Smelting & Refg Co, Tampico
WHITE—47 bbls, American Smelting & Refg Co, Tampico

ASBESTOS—2,194 bgs, Johns Manville Co, Capetown
900 Standard Bank South Africa, Lourenco Marques
3,509 bgs, Johns Manville Co, Capetown

BARK, MED—135 bgs, R D Heins, Cristobal

BEARBERRY LEAVES—68 bgs, Kachurin Drug Co, Alicante

BISMUTH—200 cs, Cerro de Pasco Copper Corp, Callao

BRISTLES—30 cs, H Rosenhirsch Co, Tientsin
55 cs, Irving Trust Co, Tientsin
55 cs, Bank of London South America, Tientsin
12 cs, Kanebo, Inc, Tientsin
10 cs, F Kanematsu & Co, Shanghai
50 cs, H Rosenhirsch Co, Shanghai
55 cs, F Kanematsu & Co, Dairen
11 cs, S Hirshenhorn & Son, Dairen
138 cs, Amtorg Trading Corp, Murmansk
195 cs, Amtorg Trading Corp, Murmansk
4 cs, Continental Bank Trust Co, Murmansk
41 cs, Amtorg Trading Corp, Murmansk
50 cs, C Itok, Dairen
50 cs, H Rosenhirsch Co, Dairen
75 cs, Mitsubishi Shoji Kaisha, Dairen
53 cs, F W Von Stade, Dairen
55 cs, Mitsubishi Shoji Kaisha, Dairen
40 cs, H E Botzow, Mukden
28 cs, Mitsubishi Shoji Kaisha, Tsingtao
56 cs Goldman, Sachs & Co, Dairen
55 cs, Mitsubishi Shoji Kaisha, Dairen
26 cs, Mitsubishi Shoji Kaisha, Tsingtao
4 cs, United Hair Co, Buenos Aires

BUCHU LEAVES—5 bls, S B Penick & Co, Capetown
10 bls, S B Penick & Co, Capetown
5 bls, R J Prentiss & Co, Capetown
5 bls, S B Penick & Co, Capetown

CALCIUM METALLIC—19 cs, C Hardy, Marseilles
TARTRATE—236 bgs, Charles Pfizer & Co, Alicante

CANARY SEED—221 bgs, Walworth International Co, Buenos Aires

CARAWAY SEED—999 bgs, Amtorg Trading Corp, Murmansk
500 bgs, Amtorg Trading Corp, Murmansk

CARDAMOM—20 cs, Norda Essential Oil & Chem Co, Colombo
4 pkgs, H E Botzow, Puerto Barrios

CASEIN—847 bgs, Balfour, Guthrie & Co, Buenos Aires
2,000 bgs, American British Chemical Supplies, Buenos Aires

CASSIA—100 bls, Arnhold & Co, Hongkong
84 bls, Knickerbocker Mills Co, Hongkong
100 bls, Arnhold & Co, Hongkong
118 bls, Van Loan & Co, Hongkong
84 bls, Knickerbocker Mills, Hongkong
115 pkgs, Tandjong Priok
171 pkgs, Catz American Co, Tandjong Priok
89 bls, Tandjong Priok
86 bls, Tandjong Priok
248 bls, H P Winter & Co, Padang
104 bls, Frank Tea & Spice Co, Padang
108 bls, Frank Tea & Spice Co, Padang
81 bls, H P Winter & Co, Padang
121 bls, H P Winter & Co, Padang

CASTOR BEANS—1,700 bgs, Bahia
1,700 bgs, Baker Castor Oil Co, Bahia
1,694 bgs, Guaranty Trust Co, Bahia
1,700 bgs, Bahia
1,200 bgs, Mitsui & Co, Bahia
1,700 bgs, Bahia
3,690 bgs, Spencer Kellogg & Sons, Santos
2,540 bgs, Baker Castor Oil Co, Rio Janeiro
1,756 bgs, Guaranty Trust Co, Rio Janeiro
3,512 bgs, National City Bank, Rio Janeiro
3,385 bgs, Bunge North American Grain Co, Recife
510 bgs, Baker Castor Oil Co, Maceio
1,700 bgs, Recife
677 bgs, Spencer Kellogg & Sons, Cabedello
843 bgs, National City Bank, Fortaleza
1,700 bgs, National City Bank, Bahia
3,400 bgs, Bahia
3,388 bgs, National City Bank, Bahia
1,694 bgs, Guaranty Trust Co, Bahia
1,694 bgs, National City Bank, Bahia
1,700 bgs, National City Bank, Bahia
1,700 bgs, Bahia
3,400 bgs, Baker Castor Oil Co, Bahia
3,121 bgs, Bahia

CELERY SEED—76 bgs, Corn Exchange Bank Trust Co, Marseilles
46 bgs, W E Martin, Marseilles
50 bgs, Marseilles
143 bgs, J H Heinz & Co, Marseilles
71 bgs, McCormick & Co, Marseilles
71 bgs, Kachurin Drug Co, Marseilles
71 bgs, Corn Exchange Bank Trust Co, Marseilles
80 bgs, Marseilles
200 bgs, Marseilles
100 bgs, Marseilles

CHILLIES—51 bgs, Mombasa
140 bgs, Mombasa

CHROME ORE—1,507 tons, 13 cwts, 14 lbs, E J Lavino & Co, Lourenco Marques
2,509 tons, 10 cwts, 3 qtrs, 11 lbs, F Samuels & Co, Lourenco Marques

CINCHONA BARK—162 bgs, H E Botzow, Puerto Barrios
450 bls, Chase Natl Bank, Tandjong Priok

CLOVES—65 bgs, Corn Exchange Bank Trust Co, Belawan Deli

COCA LEAVES—116 bls, Maywood Chem Works, Salaverry

COCOA BEANS—500 bgs, Scholtz & Co, La Guaira
65 bgs, M Harrison & Co, La Guaira
100 bgs, Meyer & Co, Puerto Cabello
100 bgs, Scholtz & Co, La Guaira
12 bgs, Balfour, Guthrie & Co, Trinidad
250 bgs, Nieschlag & Co, Trinidad
250 bgs, General Cocoa Co, Trinidad
57 bgs, Balfour, Guthrie & Co, Trinidad
250 bgs, General Cocoa Co, Trinidad
250 bgs, General Cocoa Co, Trinidad
375 bgs, Kennedy, Butcher & Co, Trinidad
311 bgs, Curacao Trading Co, Trujillo
300 bgs, A Canale, Guayaquil
550 bgs, A Canale, Cristobal
10,000 bgs, J Henry Schroeder Banking Corp, Ilheus
4,000 bgs, J Henry Schroeder Banking Corp, Bahia
2,000 bgs, National City Bank, Bahia
2,000 bgs, Philadelphia National Bank, Bahia
2,000 bgs, Guaranty Trust Co, Bahia
10,000 bgs, J Henry Schroeder Banking Corp, Ilheus
5,000 bgs, J Henry Schroeder Banking Corp, Bahia
2,000 bgs, National City Bank, Bahia
3,000 bgs, Bahia
250 bgs, Wood & Selick, Trinidad
500 bgs, La Guaira
300 bgs, La Guaira
2 bgs, Balfour, Guthrie & Co, Semerang
31 bgs, Bank of London-South America, Para
223 bgs, Para
168 bgs, Guaranty Trust Co, Para
475 bgs, Kennedy, Butcher & Co, Port Spain
500 bgs, Scholtz & Co, La Guaira
2,250 bgs, South American Product Co, La Guaira
750 bgs, Machado & Co, La Guaira
250 bgs, South American Product Co, La Guaira
1,000 bgs, Trujillo
2,255 bgs, Irving Trust Co, Trujillo
2,409 bgs, Irving Trust Co, Sanchez
1,759 bgs, Gillespie & Co, Sanchez
736 bgs, Irving Trust Co, Puerto Plata
300 bgs, Wessel, Kulenkampf & Co, Puerto Plata
500 bgs, General Cocoa Co, Bahia
1,000 bgs, W R Grace & Co, Bahia
2,000 bgs, Philadelphia National Bank, Bahia
3,000 bgs, W R Grace & Co, Bahia
2,000 bgs, National City Bank, Bahia
2,000 bgs, W R Grace & Co, Bahia
1,000 bgs, A C Israel Commodity Co, Bahia
1,000 bgs, Wessel, Kulenkampf & Co, Bahia
1,000 bgs, A C Israel Commodity Co, Bahia
500 bgs, W R Grace & Co, Bahia
1,000 bgs, A C Israel Commodity Co, Bahia
1,000 bgs, Wessel, Kulenkampf & Co, Bahia
1,000 bgs, Wessel, Duval & Co, Bahia
3,000 bgs, W R Grace & Co, Bahia
3,000 bgs, A C Israel Commodity Co, Bahia
1,000 bgs, Bank of Manhattan, Bahia
2,000 bgs, National City Bank, Bahia
500 bgs, Guaranty Trust Co, Bahia
1,000 bgs, General Cocoa Co, Bahia
1,500 bgs, Wessel, Kulenkampf & Co, Bahia
1,000 bgs, General Cocoa Co, Bahia
1,500 bgs, Wessel, Kulenkampf & Co, Bahia
1,000 bgs, National City Bank, Bahia
1,060 bgs, W R Grace & Co, Bahia
1,500 bgs, Wessel, Kulenkampf & Co, Bahia

COCONUTS—150 bgs, General Food Corp, Kingston
214 bgs, General Food Corp, Kingston
555 bgs, I L Toledano Corp, Cristobal

COPAIBA BALSAM—20 cs, W R Grace & Co, Cristobal
5 dms, W R Grace & Co, Cristobal

CORIANDER SEED—500 bgs, Amtorg Trading Corp, Murmansk
125 bgs, Amtorg Trading Corp, Murmansk

CONCENTRATES—1,155 pockets, Lourenco Marques
1,172 pockets, Lourenco Marques
4,982 pockets, Lourenco Marques
1,243 pockets, Lourenco Marques

CORK—12 bgs, Grace Line, Lisbon
17 bgs, New York & Cuba Mail S S Co, Lisbon
DISCS—100 bls, Crown Cork & Seal Co, Seville
VIRGIN—1,018 bls, Mundet Cork Corp, Lisbon
450 bls, Mundet Cork Corp, Lisbon
400 bls, Mundet Cork Corp, Lisbon
1,405 bls, National City Bank, Lisbon
WASTE—1,399 bls, Lisbon
1,065 bls, Mundet Cork Co, Lisbon
775 bls, Chase National Bank, Lisbon
869 bls, Mundet Cork Co, Lisbon
4,956 bls, Mundet Cork Co, Lisbon
888 bls, Mundet Cork Co, Lisbon
467 bls, Mundet Cork Co, Lisbon
4,119 bls, Mundet Cork Co, Lisbon
286 bls, National City Bank, Lisbon

WOOD—77 bls, H Suhl, Marseilles
108 bls, Wicander & Co, Seville
193 bls, Armstrong Cork Co, Seville
34 bls, Panama Pacific Line, Seville
26 bls, Cork Import Co, Seville
1,249 bls, Armstrong Cork Co, Seville
39 bls, Armstrong Cork Co, Seville
904 bls, Lisbon
163 bls, Mundet Cork Corp, Seville
700 bls, Chase Natl Bank, Seville
947 bls, Lisbon
261 bls, H Suhl, Marseilles
80 bls, H Suhl, Marseilles

COTTON LINTERS—200 bls, West Texas Cottonoil Co, Santos
300 bls, West Texas Cottonoil Co, Santos
748 bls, Gillespie & Co, Cabedello
RESIDUE—80 bls, Rio Janeiro

CUTTLEFISH BONES—200 cs, Frank Vliet Co, Marseilles
50 cs, Frank Vliet Co, Marseilles

EARTH—1 bg, E Spierberg, Reife

EGG YOLK, HEN—112 cs, Mitsui & Co, Shanghai
112 cs, I Grob & Co, Tientsin
112 cs, Stein, Hall & Co, Tientsin
112 cs, Mitsui & Co, Shanghai

ELDER FLOWERS—50 pkgs, Brown Bros, Harriman Co, Murmansk

ERGOT—50 cs, S B Penick & Co, Lisbon
10 cs, J L Hopkins & Co, Oporto

FENNEL SEED—27 bgs, Marseilles
50 bgs, Marseilles

FILM SCRAP—11 cs, Universal Pictures Co, La Guaira

FLUORSPAR—222 tons, Mercantile Import & Export Co, Tampico

GASOLINE, AVIATION—2 dms, R F Vaughan, Capetown

GINGER ROOT—16 cts, Tung Sang Co, Havana
50 bgs, A G Dunn, Kingston
39 bgs, Barclay Bank, Kingston
83 bbls, Kingston

GLANDS—63 cs, Universal Transcontinental Foreign Service, Buenos Aires
BEEF, SUPRARRENALS—42 cs, Schieffelin & Co, Buenos Aires

GLASS, PLAIN—200 cs, New York & Cuba Mail S S Co, Tampico
160 cs, New York & Cuba Mail S S Co, Tampico

GLUESTOCK—100 bgs, Rex & Reynolds, Marseilles
3 cs, Rex & Reynolds, Marseilles
30 bgs, Rex & Reynolds, Marseilles

GRAPHITE—286 bgs, J F Starkey & Co, Colombo
286 bgs, Superior Flake Graphite Co, Colombo
600 bgs, Belawan
500 bgs, Asbury Graphite Co, Belawan
250 bgs, C E Pettinos, Belawan
500 bgs, Ste Generale des Graphite, Belawan
500 bgs, Belawan
450 bgs, Ste Generale des Graphite, Belawan

GUM, BENZOIN—100 cs, National City Bank, Padang
50 cs, Van Norden & Archibald, Padang

CHICLE—192 bgs, Chicle Development Co, Kingston

DAMMAR—88 bgs, O G Innes Corp, Tandjong Priok
100 cs, Tandjong Priok
56 bgs, O G Innes Corp, Tandjong Priok
84 cs, H P Winter & Co, Padang
216 cs, H P Winter & Co, Padang
44 cs, O G Innes Corp, Padang
28 cs, O G Innes Corp, Padang
50 cs, American Cyanamid & Chem Co, Singapore
140 bgs, G W S Patterson & Co, Singapore
100 cs, Stroock & Wittenberg, Singapore
70 bgs, American Cyanamid & Chem Co, Singapore
210 bgs, W H Scheel, Singapore
50 cs, American Cyanamid & Chem Co, Singapore

HERBS, CRUDE—205 bls, A Sherman Co, Marseilles
42 bls, Marseilles

HOPS—320 bls, Amtorg Trading Corp, Murmansk

IPECAC ROOT—13 bgs, Wessel, Duval & Co, Cristobal

ISINGLASS—13 pkgs, Amtorg Trading Corp, Murmansk

KOLA NUTS—24 bgs, J L Hopkins & Co, Kingston
84 bgs, Royal Bank of Canada, Kingston
31 bgs, Kingston

LARD SUBSTITUTE — 15 dms, Durkee Famous Food, Havana

LAVENDER FLOWERS—11 bgs, J L Hopkins & Co, Alicante

LEAVES, MED—38 bls, W E Martin, Marseilles
34 bls, Marseilles
29 bls, Jales & Forbes Tea & Coffee Co, Marseilles

MACE—20 cs, Geo L Curtin, Padang
32 cs, Padang

MANGANESE ORE—1 cs, I R Boody & Co, Rio de Janeiro

MANIOC MEAL—170 bgs, Bahia

MEDICINAL PREPS—3 cs, New York & Cuba Mail S S Co, Vera Cruz
4 pkgs, H S Dorf & Co, Lunahamari

METAL LEAF—5 cs, Mitsui & Co, Shanghai

MICA—42 cs, Victoria
2 cs, E Spierberg, Reife
BLOCK—67 cs, Corn Exchange Bank Trust Co, Calcutta
10 cs, Eugene Munsell & Co, Calcutta
CUT—1 cs, Eugene Munsell & Co, Calcutta
SPLITTINGS—16 cs, Corn Exchange Bank Trust Co, Calcutta
12 cs, Eugene Munsell & Co, Calcutta
50 cs, E J Cornelis, Calcutta

MOLASSES—330,000 kilos, W R Grace & Co, Supe
200,000 kilos, W R Grace & Co, Salaverry

MUSTARD SEED—600 bgs, B H Old & Co, Dairen

NUTGALLS—168 bgs, Arnhold & Co, Hongkong
84 bgs, Arnhold & Co, Hongkong
168 bgs, Arnhold & Co, Hongkong

NUTMEGS—53 bgs, Corn Exchange Bank Trust Co, Tandjong Priok
216 bgs, Corn Exchange Bank Trust Co, Tandjong Priok
55 bgs, Padang
100 bgs, Van Bulage Co, Padang
96 bgs, W J Bush & Co, Padang
93 bgs, Givaudan Delawanna, Padang
200 bgs, Van Bulage Co, Padang
32 bgs, G L Curtin, Padang
54 bgs, Dodge & Olcott Co, Padang
20 bgs, Padang
88 bgs, W J Bush & Co, Padang
205 bgs, Dodge & Olcott Co, Padang
53 bgs, Padang

OIL—1 cs, Amtorg Trading Corp, Murmansk

ALMOND—20 cs, Geo Lueders & Co, Marseilles
25 cs, Fritzsche Bros, Marseilles
5 cs, Geo Lueders & Co, Marseilles

ALOE—1 dm, Vera Cruz

CAMPHOR—5 dms, Volkart Bros, Yokohama
5 dms, Magnus, Mabee & Reynard, Yokohama
10 dms, Ungerer & Co, Yokohama
25 dms, Dodge & Olcott Co, Yokohama
15 dms, Norda Essential Oil & Chem Co, Yokohama
5 dms, Ungerer & Co, Yokohama
5 dms, Siber, Hegner & Co, Shanghai

CARAWAY—7 cs, Amtorg Trading Corp, Murmansk

CHINAWOOD — 5 dms, Wester Oliver, Hongkong

CINNAMON LEAF—2 dms, Colgate-Palmolive-Peet Co, Colombo

OIL, CITRONELLA—22 dms, Procter & Gamble Co, Colombo
24 cs, Batavia
11 dms, Batavia
160 cs, Batavia
12 dms, Batavia
30 dms, Catz American Co, Batavia
384 cs, Batavia
4 dms, Bank of London South America, Cristobal

COCONUT—50 tons, Philippine Refg Co, Dairen
270 tons, Philippine Refg Co, Cebu

CODLIVER PRESSINGS—1 bbl, Canada

CORIANDER—1 cs, Amtorg Trading Corp, Murmansk

COPAIBA—27 cs, Magnus, Mabee & Reynard, Rio Janeiro

ESSENTIAL—10 cs, Polaks Frutal Works, Rio Janeiro
7 cks, Yardley & Co, Marseilles
3 cs, Coty Product Co, Marseilles
2 cks, Dodge & Olcott Co, Marseilles
13 cs, Dodge & Olcott Co, Marseilles
4 cs, General Freight Agent, Marseilles
2 cs, 1 ck, 1 dm, Naugatuck Aromatics, Marseilles
4 cks, S Stern Stiner Co, Marseilles
200 dms, Marseilles
5 cs, Bertrand Freres, Marseilles

FIR, NEEDLE—122 cs, Amtorg Trading Corp, Murmansk

GERANIUM—4 cks, Les Fils de Maurice, Belawan Deli
10 dms, J Manheimer, Belawan Deli

LEMONGRASS—3 dms, Bank of London South America, Cristobal

OITICICA—50 dms, Simonds & Grey, Fortaleza
80 dms, Fortaleza

OLIVE—245 cs, American Export Line, Lisbon
127 cs, American Export Line, Lisbon
127 cs, Lisbon
246 cs, Lisbon

OLIVE SULPHUR—753,634 kilos, Central Hanover Bank Trust Co, Lisbon

ORANGE—1 cs, R A Kurka, Port Prince

PALM—Quantity, Tandjong Priok
406 tons, Belawan Deli
691 tons, Banque Belge pour l'Etranger, Belawan Deli
490 tons, Irving Trust Co, Belawan Deli
440 tons, Colgate-Palmolive-Peet Co, Belawan Deli
476 tons, Belawan Deli

PEPPERMINT—66 cs, Amtorg Trading Corp, Murmansk

ROSEMARY—11 dms, Dodge & Olcott Co, Alicante

SAGE—13 cs, Amtorg Trading Corp, Murmansk

THYME—1 dm, Dodge & Olcott Co, Alicante

VEGETABLE—3 dms, Ungerer & Co, Seville
1 dm, Geo Lueders & Co, Seville

VETIVER—4 cks, Les Fils de Maurice, Belawan Deli

ORANGE PEEL—21 bls, Peek & Velsor, Alicante

PAPAIN—20 cs, S B Penick & Co, Colombo
10 cs, J L Hopkins & Co, Colombo

PAPRIKA—15 bgs, Briones & Co, Seville
250 bgs, Continental Bank Trust Co, Marseilles

PARSLEY SEED—65 bgs, S B Penick & Co, Marseilles

PEPPER, WHITE—252 bgs, Tandjong Priok
840 bgs, H P Winter & Co, Tandjong Priok
33 bgs, Tandjong Priok
252 bgs, H P Winter & Co, Tandjong Priok
168 bgs, H P Winter & Co, Tandjong Priok

PIMENTO—50 bgs, A G Dunn, Kingston

POPPY FLOWERS—13 bls, Peek & Velsor, Alicante

PYRETHRUM FLOWERS—1,250 bls, Mombasa
625 bls, Mombasa
375 bls, Mombasa
250 bls, Mombasa

QUARTZ, AIRIFEROUS—206 bgs, Pan American Metal Co, Ciudad Bolivar

QUICKSILVER—50 flasks, Chase Natl Bank, Vera Cruz
39 flasks, Mercantile Metal Corp, Vera Cruz
58 flasks, Chase Natl Bank, Vera Cruz
29 flasks, A W Fenton & Co, Tampico
39 flasks, Chase Natl Bank, Tampico

QUININE SULPHATE—54 cs, Guaranty Trust Co, Tandjong Priok
200 cs, Guaranty Trust Co, Tandjong Priok

ROSEMARY LEAVES—70 bls, Peek & Velsor, Alicante

SAFFRON FLOWERS—6 cs, Aries & Co, Marseilles

SAGO FLOUR—359 bgs, Stein, Hall & Co, Singapore

SANTONIN—12 cs, Amtorg Trading Co, Murmansk

SARSAPARILLA ROOT—87 bls, F W Pabst, Tampico

SCHEELITE—1 bg, Watson, Geach & Co, Beira
107 bgs, Chase Natl Bank, Buenos Aires
120 bgs, Philipp Bros, Buenos Aires

SHELLAC—100 bgs, Wm Zinsser & Co, Calcutta
400 bgs, Ralli Bros, Calcutta
250 bgs, E J Cornelis, Calcutta
150 bgs, Ralli Bros, Calcutta
500 bgs, Ralli Bros, Calcutta
350 bgs, Bank of Manhattan, Calcutta
150 bgs, Wm Zinsser & Co, Calcutta
25 cs, A Hurst & Co, Calcutta
500 bgs, Mantrose Corp, Calcutta
850 bgs, Ralli Bros, Calcutta
200 bgs, A Hurst & Co, Calcutta
1,400 bgs, Mac Lac Co, Calcutta
150 bgs, Carleton & Moffat, Calcutta
250 bgs, E J Cornelis, Calcutta
50 bgs, Schwab Bros, Calcutta
400 bgs, Mac Lac Co, Calcutta
200 bg, 1 cs, Wm Zinsser & Co, Calcutta
300 bgs, A Hurst & Co, Calcutta
400 cs, Ralli Bros, Calcutta
750 bgs, Mac Lac Co, Calcutta

BUTTON LAC—75 bgs, Wm Zinsser & Co, Calcutta
50 bgs, Ralli Bros, Calcutta

SEEDLAC—200 bgs, Corn Exchange Bank & Trust Co, Calcutta
200 bgs, Dings & Schuster, Inc, Calcutta
250 bgs, MacLac Co, Calcutta
400 bgs, Ralli Bros, Calcutta
200 bgs, Mantrose Corp, Calcutta
400 bgs, MacLac Co, Calcutta
100 bgs, Ralli Bros, Calcutta

SHELLAC, SEEDLAC—250 bgs, MacLac Co, Calcutta
600 bgs, Wm Zinsser & Co, Calcutta
150 bgs, MacLac Co, Calcutta
400 bgs, E J Cornelis, Calcutta
200 bgs, MacLac Co, Calcutta
SPONGES—40 bls, Havana
STARCH—200 bgs, Morningstar-Nicol, Rio Janeiro
TANKAGE—2,032 bgs, C Hollenshed Co, Montevideo
1,016 bgs, C Hollenshed Co, Montevideo
610 bgs, C Hollenshed Co, Montevideo
2,000 bgs, Santos
TAPIOCA FLAKE—427 bgs, Stein, Hall & Co, Batavia
FLOUR—358 bgs, Stein, Hall & Co, Havana
203 bgs, Stein, Hall & Co, Havana
250 bgs, Stein, Hall & Co, Tandjonk Priok
500 bgs, Bank of New York, Batavia
250 bgs, Bank of New York, Batavia
PEARL—134 bgs, Stein, Hall & Co, Batavia
SIFTINGS—372 bgs, Stein, Hall & Co, Batavia
185 bgs, Stein, Hall & Co, Batavia
TARA—218 bgs, International Product Corp, Salaverry
36 bgs, Salaverry
TARTAR—112 bgs, Standard Brands, Marseilles
4,271 bgs, Standard Brands, Oran
THYME LEAVES—50 bls, W E Martin, Marseilles
40 bls, Marseilles
60 bls, Marseilles
100 bls, Marseilles
TIN BARRILLO—543 pkgs, Philipp Bros, Arica
CONCENTRATES — 3,400 bgs, American Smelting & Refg Co, Tampico
TUNA LIVERS—5 bbls, Chase Natl Bank, Lisbon
TUNGSTEN ORE—20 bgs, Metal Traders, Inc, Callao
UVA URSI LEAVES—270 bgs, Kachurin Drug Co, Alicante
373 bgs, C L Huisking & Co, Alicante
VANADIUM—12,342 bgs, Vanadium Corp of America, Callao
VANILLA BEANS—23 cs, Dodge & Olcott Co, Vera Cruz
28 cs, French American Banking Corp, Belawan Deli
19 cs, Belawan Deli
WATTLE BARK—1,097 bls, Mombasa
1,648 bls, Mombasa
1,098 bls, Mombasa
2,147 bls, Mombasa
1,184 bls, Hammond & Carpenter, Durban
WAX, BEES—76 bls, Titan Shipping Co, Capetown
31 bgs, Havana
29 bgs, Lenape Trading Co, Trujillo
57 bgs, Curacao Trading Co, Trujillo
90 bgs, Guaranty Trust Co, Lisbon
56 bgs, Guaranty Trust Co, Lisbon
84 bgs, Chase Natl Bank, Rio Janeiro
126 bgs, Rio Janeiro
89 bgs, Rio Janeiro
43 bgs, Rio Jaleiro
128 bgs, Irving Trust Co, Trujillo
12 bgs, Curacao Trading Co, Trujillo
29 bgs, Porcella, Vicini & Co, Puerto Plata
20 seroons, Agruba Trading Co, Puerto Plata
8 seroons, Porcella, Vicini & Co, Puerto Plata
CARNAUBA—56 bgs, W R Grace & Co, Fortaleza
22 bgs, Philadelphia Natl Bank, Fortaleza
50 bgs, American Cyanamid & Chem Co, Bahia
CERESIN—320 bgs, Asiatic Petroleum Corp, Batavia
256 bgs, Asiatic Petroleum Corp, Batavia
WINE LEES—203 bgs, Lisbon
486 bgs, Lisbon
85 bgs, Lisbon
969 bgs, Lisbon
ZINC OXIDE—25 bbls, Orbis Product Co, Marseilles

New York Transit Imports

ACID, TARTARIC—10 cks, W I Chudleigh, Marseilles, Montreal
BONE MEAL—1,113 bgs, Barber & Garratt, Rosario, Canada
AROMATICS, POWDER—5 cs, W I Chudleigh, Marseilles, Montreal
CASSIA—250 bls, R T French Co, Hongkong, Rochester
ERGOT—50 tins, Eli Lilly & Co, Lisbon, Indianapolis
GLANDS BEEF, SUPRARRENALS—23 cs, Difco Lab, Buenos Aires, Detroit
LEAVES, MED—5 bls, H S Head, Marseilles, Toronto
MARJORAM LEAVES—10 bls, H S Head, Marseilles, Toronto
OIL, OLIVE—425 cs, W I Chudleigh, Marseilles, Montreal
PAPAIN—20 cs, American Ferment Co, Mombasa, Buffalo
THYME LEAVES—20 bls, H S Head, Marseilles, Toronto
VANILLA BEANS—38 cs, M Cortizas Co, Vera Cruz, Philadelphia
23 cs, M Cortizas Co, Vera Cruz, Philadelphia

Baltimore Imports

BLOOD, DRD—2,722 bgs, Santos
1,000 bgs, Buenos Aires
BONEMEAL—2,186 bgs, Buenos Aires
COPRA—2,000 tons, Zamboanga
500 tons, Bulan
CHROME ORE—5,041 tons, Lourenco Marques
4,000 tons, Santa Cruz
IRON ORE—7,500 tons, Rio de Janeiro
11,850 tons, Bethlehem Steel Co, Cruz Grande
3,000 tons, Santa Cruz

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MAGNESITE ORE—24,000 bgs, Dairen
MANGANESE ORE—6,800 tons, Malbato
2,784 tons, Bais
7,000 tons, Takoradi
7,016 tons, Durban
1,800 tons, Durban
6,200 tons, Bethlehem Steel Co, Poti
OIL, FUEL—63,000 bbls, Standard Oil Co N J, Aruba
27,000 bbls, Standard Oil Co N J, Aruba
PETROLEUM, CRUDE—63,212 bbls, Standard Oil Co N J, Las Piedras
QUEBRACHO EXT—500 bgs, Buenos Aires
6,350 bgs, Buenos Aires
TANKAGE—3,815 bgs, Santos
2,991 bgs, Buenos Aires
2,722 bgs, Montevideo
ZINC CONC—6,430 tons, Santa Fe

Boston Imports

ASBESTOS—2,000 bgs, Johns Manville Co, Lourenco Marques
EGG YOLK, HEN—56 cs, Skier & Co, Tientsin
MICA SCRAP — 500 bgs, Fuerst Bros, Lourenco Marques
OIL, COCONUT—934 tons, Philippine Refg Corp, Cebu
PALM—369 tons, Belawan Deli
26 tons, Belawan Deli
SPERM—250 bbls, Scotland
TAPIOCA FLOUR—352 bgs, Arnold Hoffman Co, Sourabaya

Gloucester Imports

CORK, VIRGINIA—7,393 bls, Armstrong Cork Co, Lisbon
WASTE—4,880 bls, Armstrong Cork Co, Lisbon
3,752 bls, Armstrong Cork Co, Lisbon
2,534 bls, Armstrong Cork Co, Lisbon
WOOD—1,099 bls, Armstrong Cork Co, Lisbon

Los Angeles Imports

AGAR—30 lbs, Kobe
400 lbs, Kobe
AMMONIA PHOSPHATE—425,600 lbs, Trail
SULPHATE—89,600 lbs, Trail
APRICOT KERNELS—2,000 lbs, Hongkong
BONEMEAL—118,720 lbs, Tientsin
CASSIA—16,670 lbs, Hongkong
CHEMICAL SPECIALTY—750 lbs, Yokahama
COALTAR, CRUDE—50,580 lbs, London
COPRA MEAL—11,200 sx, 1,120,000 lbs, Manila
CUMIN SEED—34,000 lbs, Nicosia
DENTIFRICE—180 lbs, Yokahama
DRUGS, ADVANCED—110 lbs, Hongkong
CRUDE—880 lbs, Hongkong
5,750 lbs, Hongkong
LIME, HYDRATED—10,100 lbs, Vancouver
PROCESSED—79,860 lbs, Vancouver
LIVER MEAL—56,000 lbs, Christchurch
MEDICINAL PREPS—120 lbs, Yokahama
OIL, CHINAWOOD—63,000 lbs, Hongkong
63,000 lbs, Hongkong
SESAME—420 lbs, Hongkong
PEANUTS, SHELLED—50,000 lbs, Manila
60,000 lbs, Manila
SHELLAC, 9,020 lbs, Calcutta
SEEDLAC—24,600 lbs, Calcutta
SOAP, TOILET—300 lbs, Tokyo
TANKAGE—56,000 lbs, Christchurch
62,720 lbs, Wellington
TOILET PREPS—120 lbs, Tokyo
30 lbs, Yokahama
TUNGSTEN ORE—4,800 lbs, Nogales
WAX, MINERAL, REFD—2,000 lbs, Dutch East Indies
270 lbs, Sumatra
SPERMACETI—2,400 lbs, Glasgow
WHITING—1,120 bgs, 112,000 lbs, Liverpool

Norfolk Imports

BLOOD, DRIED—1,014 bgs, C Hollenshed Co, Santos
1,017 bgs, C Hollenshed Co, Santos
907 bgs, Nichols Fertilizer Corp, Buenos Aires
907 bgs, Robertson Chemical Corp, Buenos Aires
BONES—1,852 bgs, Buenos Aires
212 bgs, Buenos Aires
484 bgs, Armour & Co, Montevideo
LIVER MEAL—600 bgs, J C Jett & Co, Buenos Aires
QUEBRACHO EXTRACT—2,143 bgs, Tannin Corp, Buenos Aires
533 bgs, Tannin Corp, Buenos Aires
1,062 bgs, Tannin Corp, Buenos Aires
TANKAGE—500 bgs, Buenos Aires
2,000 bgs, Norfolk Tallow Co, Rio Grande
400 bgs, Swift & Co, Rio Grande

Philadelphia Imports

BONEMEAL—2,206 bgs, Guaranty Trust Co, Bourgas
3,283 bgs, H J Baker & Brother, Buenos Aires
BONE, GRAN—811 bgs, Buenos Aires
CHROME ORE—2,000 tons, E J Lavino & Co, Beira
3,000 tons, Beira
4,000 tons, E J Lavino & Co, Freetown
COCOA BEANS—7,040 bgs, Balfour Guthrie & Co, Addah
4,000 bgs, Superintendence Co, Accra
4,000 bgs, Inter-Continental Trading Co, Accra
4,960 bgs, Balfour Guthrie & Co, Accra
5,264 bgs, Philadelphia National Bank, Winnebah
4,336 bgs, Superintendence Co, Saltpond
8,000 bgs, Superintendence Co, Takoradi
CORK—20,866 bls, Armstrong Cork Co, Lisbon
20,458 bls, Cork Insulation Co, Lisbon
6,841 bls, Armstrong Cork Co, Seville
GINGER, ROOT, DRY—172 bgs, Frame & Co, Freetown
GLYCERIN, SOAPLYE, CRUDE—50 dms, Buenos Aires
MOLASSES — 1,404,839 gls, Pennsylvania Sugar Co, Caibarien and Havana
OIL, COCONUT, CRUDE—550 tons, Manila
TEASEED—50 dms, Philadelphia National Bank, Shanghai
PETROLEUM, CRUDE—218,804 bbls, Gulf Oil Corp, Puerto la Cruz
175,800 bbls, Gulf Oil Corp, Las Piedras
149,349 bbls, Sinclair Refining Co, Tuxpam
90,000 bbls, Atlantic Refining Co, Las Piedras
RAPESEED—1,573 bgs, Buenos Aires
RED OXIDE—869 bbls, F B Vandegrift & Co, Malaga
SOAPSTOCK—105 bbls, Anderson, Clayton & Fleming, Buenos Aires
WATTLE BARK—1,646 bls, Mombasa

Imports Detained

Detentions recently effected at various ports by United States authorities on determination by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended Aug. 14

Caraway seed, 1,499 bags; filthy.
Coriander seed, 403 bags; filthy.
Cumin seed, 727 bags; filthy.
Medicinal preparations, 1 parcel; not properly labeled.
Medicinal preparations, 7 cases; false therapeutic claims.
Medicinal preparations, 2 parcels; not U.S.P.
Nutmegs, 200 bags; restricted use.
Pollack liver oil, 100 drums; restricted use.

Atlanta

Week Ended Aug. 14

Mineral water, 1 case; not properly labeled.

Boston

Week Ended Aug. 14

Fertilizer mixture, 25,129 bags; proof of legitimate use.
Fertilizer mixture, 1,618 bags; not properly labeled.
Medicinal preparation, 10 tubes; not properly labeled.

Buffalo

Week Ended Aug. 14

Medicinal preparation, 6 bottles; misbranded.
Medicinal preparation, 1 parcel; false therapeutic claims.

Exports from U.S. Ports

Los Angeles Exports

ACID, BORIC—15 bgs, 1,680 lbs, Wellington
AMMONIA SULPHATE—112,000 lbs, Hongkong
ASPHALT, LIQ—95 dms, 38,360 lbs, Balboa; 324 bgs, 73,920 lbs, Kobe; 431 bgs, 100,800 lbs, Yokohama
BORAX—2,612 bgs, 434,000 lbs, Osaka; 230 bgs, 25,760 lbs, Bluff; 560 bgs, 62,720 lbs, Auckland; 300 bgs, 33,000 lbs, Melbourne; 49 bgs, 5,490 lbs, Adelaide; 4,000 bgs, 440,920 lbs, Shanghai
CALCIUM ARSENATE—45,000 lbs, Topolobampo
CHLORIDE—3,000 lbs, Papeete
CHALK, PRECIP—70 lbs, Manila
CHEMICAL SPECIALTY—1,880 lbs, Bogota
CLAY, FILTER—400 sks, 20,160 lbs, Mazatlan; 120 sks, 4,480 lbs, Yavaros
COLOR, DRY—100 lbs, Melbourne; 400 lbs, Hongkong
COPPER SULPHATE—900 lbs, Guaymas
DIATOMACEOUS EARTH—614 bgs, 42,710 lbs, Wellington; 3,560 bgs, 352,250 lbs, Auckland; 214 bgs, 21,400 lbs, Melbourne; 1,657 bgs, 165,700 lbs, Adelaide; 196 bgs, 19,600 lbs, Sydney; 440 bgs, 44,000 lbs, Cartagena
DIBUTYL PHTHALATE—480 lbs, Hongkong
GASOLINE—84,028 bbls, Dairen; 74,658 bbls, Nagaevo
AVIATION—2,000 dms, Dairen
KEROSENE—70 dms, Auckland; 50 dms, Wellington
LACQUER—1,910 lbs, San Juan
THINNER—1,760 lbs, San Juan
LARD SUBSTITUTE—150 lbs, Tokyo
LIME, HYDRATED—500 lbs, Mazatlan
OIL, CASTOR—420 lbs, Hongkong
COTTONSEED—3,850 lbs, Manila
DIESEL—24,050 bbls, Tsurumi/Nagoya; 84,126 bbls, Nagasaki
FISH—2,660 lbs, Ponce
FUEL—54,406 bbls, Tsurumi/Nagoya; 64,044 bbls, La Union
LUBRICATING—90 pls, Wellington; 50 pls, Wellington; 16 dms, 50 cs, Wellington; 3 dms, Rio Piedras; 4 ms, La Paz
OLIVE—4,160 lbs, Cristobal
SARDINE—4,500 lbs, Auckland
PAINT MATERIAL—1,810 lbs, Melbourne
PETROLEUM, GAS, LIQ—180 cyls, 21,650 lbs, Auckland
POTASH MURIATE—3,500 bgs, 701,120 lbs, San Juan
SULPHATE—1,500 bgs, 300,160 lbs, San Juan
SAGO FLOUR—600 lbs, Mazatlan
SALTCAKE—22,500 lbs, Wellington
SOAP, LAUNDRY—52,500 lbs, San Juan
TOILET—2,200 lbs, Manila
SODA, CAUSTIC—2,550 lbs, Manila
CYANIDE—142,150 lbs, Mazatlan
SULPHIDE—4,920 lbs, Barranquilla
SULPHUR DIOXIDE—3 cyls, 450 lbs, Auckland
TOILET PREPS—380 lbs, Cristobal; 310 lbs, San Juan; 560 lbs, Hongkong; 440 lbs, Manila
UMBER, BURNT—300 lbs, Hongkong
WAX, STEARIN—1,000 bgs, 100,000 lbs, Manila
ZINC STEARATE—1,250 lbs, Bogota; 50 lbs, Manila

New Orleans Exports

CLEANER—2 tons, La Ceiba
EPSOM SALT—21 tons, Vera Cruz
FIRECLAY—15 tons, Cristobal; 13 tons, Barranquilla
GASOLINE—35 tons, Bluefields
KEROSENE—5 cs, Puerto Cabezas; 1 ton, La Ceiba; 47 tons, Bluefields
LARD—50 tons, Vera Cruz; 17 tons, Cristobal; 21 tons, Puerto Limon; 48 tons, Havana
LIME—13 tons, Cristobal
OIL, DIESEL—45 bbls, Puerto Cabezas; 19 tons, Bluefields
FUEL—500 tons, La Ceiba
LUBRIC—4 tons, Puerto Cabezas; 20 tons, Cristobal
PARAFFIN—17 tons, West Coast; 11 tons, East Coast; 161 tons, Vera Cruz; 20 tons, Cartagena; 99 tons, Cristobal
POTASH MURIATE—20 tons, La Ceiba
ROSIN—24 tons, Barranquilla; 18 tons, Cristobal
SALT—3 tons, Puerto Cabezas; 20 tons, Havana
SULPHUR—39 tons, Vera Cruz
TANNING EXTRACT—22 tons, Vera Cruz

Philadelphia Exports

BARIUM CARBONATE—110 bgs, Santos
BENZOL—50 dms, Buenos Aires
CHEMICALS—4 cs, Rio de Janerio
FLAVORING—4 cs, Rio de Janerio
GASOLINE—100 dms, 600 cs, Maranhao; 4,000 cs, 800 dms, Ceara
GREASE, LUBRIC—70 dms, Pernambuco
KEROSENE—2,000 cs, Maranhao; 6,000 cs, Bahia; 6,000 cs, Ceara
LICORICE PASTE—38 cs, Buenos Aires
LUBRICANTS—90 pkgs, Pernambuco; 262 pkgs, Cabadello
NAPHTHALENE—220 bgs, Buenos Aires
OIL, LUBRIC—360 crtns, 50 dms, 36 pkgs, Pernambuco; 120 pkgs, Cabadello; 25 dms, 20 cs, Bahia; 939 dms, 5,966 cs, 39 bbls, Santos; 75 dms, 5 bbls, 897 cs, Rio Grande
RESIN, SYNTH—15 bbls, Buenos Aires
VARNISH—7 dms, Buenos Aires; 3 bbls, Buenos Aires
SODA FLOURIDE—6 bbls, Montevideo
TANNING EXTRACT—11 bbls, Rio de Janeiro
TOLUOL—8 dms, Buenos Aires
XYLOL—8 dms, Buenos Aires

Foreign Trade Rules

Information recently published by the Department of Commerce in foreign tariff and related trade regulations include the following:—

Ammonia, Anhydrous: — Venezuela has reduced the import duty on anhydrous ammonia from 1.00 bolivar to 0.40 bolivar per gross kilo.

Magnesia Stearate:—A Peruvian resolution has established a duty of 0.30 sol per gross kilo. This product was heretofore dutiable at 3.60 soles per net kilo.

Methyl Alcohol:—The United Kingdom Board of Trade has announced the revocation of the existing open general license for the importation of methyl alcohol. Individual licenses are now required for imports of this product.

Olive Oil:—The Greek export tax on olive oil has been increased from 2 drachmas to 4 drachmas per kilo.

Palestine Exports:—All exports have been made subject to license.

Farrelly Succeeds Hawkins In N.Y. Customs Post

Thomas F. Farrelly, administrative assistant to the collector at the Port of New York for the past three years, has been named deputy collector, succeeding to a vacancy created by the retirement of E. S. Hawkins on August 1.

T. F. Farrelly

Mr. Farrelly has been in the Customs Service since 1919, the year in which he was named inspector at Providence, R. I. After serving in that capacity for six years, Mr. Farrelly was made deputy collector at Providence. In 1930 he was appointed customs agent and a member of the port examination committee, the purposes of which committee was to examine practices at the various ports and to make recommendations for improvement in coordination. He was named administrative assistant to the collector at New York in 1937.

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—74,936 bbls, Portland; 2,987 bbls, San Diego; 1,085 bbls, San Diego; 3,829 bbls, San Diego; 74,306 bbls, Richmond; 32,705 bbls, Seattle; 38,960 bbls, Seattle; 12,500 bbls, Richmond; 19,149 bbls, Richmond; 5,358 bbls, Richmond; 2,893 bbls, San Diego; 4,000 bbls, San Diego; 2,264 bbls, San Diego; 45,753 bbls, Seattle; 14,722 bbls, San Diego
OIL, DIESEL—2,203 bbls, San Diego
FUEL—69,200 bbls, Portland; 2,461 bbls, Portland; 65,518 bbls, Oleum; 2,421 bbls, Portland; 10,240 bbls, Seattle; 104,300 bbls, Richmond
FURNACE—5,474 bbls, Richmond; 2,203 bbls, San Diego

Industrial Uses of Chemicals and Related Materials

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(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

N-(4-Acetoacetamidophenyl)thiomorpholin

Photographic

Color-former (Brit. 497463 and 497698) in—
Color photography

Betanaphthylmethylsulphone

Rayon

Delustring agent (U.S. 2069773 and 2069774) for—
Cuprammonium products
Nitrocellulose products
Viscose products

Chloroacrolein

Chemical

Reactant in—
Organic syntheses

Military

As a military poison gas (lachrymator, vesicant)

Diethyleneglycol Monoethylether

(Carbitol, Diæthylenglykolmonoæthyläether, Ether de Diethyleneglycolemonoethylique)

Adhesives

Solvent in—
Adhesive compositions containing resins or nitrocellulose

Analysis

Substitute for ethyl alcohol in determination of—
Saponification value of fats and waxes (its high boiling point is claimed to permit simplification of the apparatus and shortening of the time required for the determination)

Cellulose Products

Solvent for—
Nitrocellulose
Starting point in making—
Derivatives useful as solvents and plasticizers for cellulose derivatives

Ceramic

Solvent in—
Compositions, containing resins or nitrocellulose, used as coatings for protecting and decorating ceramic products

Chemical

Organic chemical offering following properties—
Colorless liquid
High boiling point
Hygroscopic
Low rate of evaporation
Mild pleasant odor
Miscible with common organic solvents
Slightly viscous
Stable product
Reactant in—
Organic syntheses
Solvent for—
Mineral oils
Nitrocellulose
Other products
Resins
Sulphonated oils
Starting point in making—
Derivatives useful as plasticizers, solvents, and the like

Cosmetic

Solvent in—
Nail enamels and lacquers containing nitrocellulose or resins as base material

Dye

Solvent for—
Dyestuffs

Electrical

Solvent in—
Insulating compositions, containing resins or nitrocellulose, used for covering wire and in making electrical machinery and equipment

Fats, Oils, and Waxes

Mutual solvent for—
Mineral oil-soap and mineral oil-sulphonated oil mixtures (claimed to correct immiscibility and to produce a markedly finer dispersion in water, such dispersions ranging from opaque to quite transparent contrasted with the usual milky-white emulsion)
Substitute for ethyl alcohol in determination of—
Saponification value of fats and waxes (see "Analysis" above)

Glass

Solvent in—
Compositions, containing resins or nitrocellulose, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Leather

Solvent in—
Compositions, containing resins or nitrocellulose, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metallurgical

Solvent in—
Coating compositions, containing resins or nitrocellulose, used for protecting and decorating metallic articles

Miscellaneous

Solvent in—
Coating compositions, containing resins or nitrocellulose, used for protecting and decorating various articles

Paint and Varnish

Solvent for—
Mineral oils Resins
Nitrocellulose
Solvent in—
Dopes Lacquers
Enamels Paints
Finish removers Varnishes
Nonaqueous stains for wood (said to prevent raising the grain of the wood)

Paper

Solvent in—
Compositions, containing resins or nitrocellulose, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Solvent in making—
Films from nitrocellulose

Plastics

Solvent in making—
Laminated fiber products
Molded products
Plastics from nitrocellulose or resins

Resins

Solvent for—
Resins
Resin-cellulose derivative compositions and solutions

Rubber

Solvent in—
Compositions, containing resins or nitrocellulose, used as coatings for decorating and protecting rubber articles

Stone

Solvent in—
Compositions, containing resins or nitrocellulose, used as coatings for decorating and protecting artificial and natural stone

Textile

Conditioning agent for—
Cloth Yarn
Mutual solvent in—
Textile soap compositions
Penetrating agent in—
Textile processing
Various treating compositions
Setting agent for—
Twists
Solvent in—
Compositions, containing nitrocellulose, used in the manufacture of coated fabrics
Dyeing and printing processes (claim is made that its use results in better penetration, as well as deeper and brighter shades)

Wood

Solvent in—
Compositions, containing resins or nitrocellulose, used as protective and decorative coatings on woodwork
Nonaqueous stains for wood (see "Paint and Varnish" above)
Plastic compositions, containing resins or nitrocellulose, used for many filling and repairing purposes on wood

5-Ethyl-5-piperidinobarbituric Acid

Pharmaceutical

Claimed (Brit. 414293) as—
Medicinal agent having good hypnotic properties but low toxicity

Fluobehenic Acid

Disinfectant

Germicide (Brit. 453830) in—
Disinfectant soaps

6-Hydroxyethylamino-2-para-acetamido-1-methylquinolinium Methiodide

Pharmaceutical

Claimed (Brit. 495783) as—
Therapeutically valuable agent (trypanocide) which is advantageous in being more soluble and less toxic than known 2-styrylquinolinium salts

Magnesium Phosphate, Monobasic

(Einfachmagnesiumphosphat, Magnesium Acid Phosphate, Magnesium Biphosphate, Magnesium Diphosphate, Monobasische hesphosphorsauresmagnesium, Monomagnesium Phosphate, Phosphate de Magnesie Acide, Phosphate de Magnesie Monobasique, Phosphate Magnesique, Phosphate de Magnesium Acide, Phosphate de Magnesium Monobasique, Phosphate Monomagnesique, Phosphorsauresmonomagnesium)

Chemical

Process material (U.S. 1273824) in making—
Barium nitrate
Hydrogen peroxide
Reagent in—
Chemical processes

Coal Products

Neutralizing agent (Brit. 408003) in making—
Cyclic hydrocarbons by hydrogenation from—
Brown coal and oil mixtures
Coal and oil mixtures
Pit coal and oil mixtures

Food

Ingredient of—
Baking powder (U.S. 1427979)
Bread dough (U.S. 1191047)
Coffee substitute (U.S. 1486792)
Dry yeast (U.S. 1386359 and 1386360)
Nutrient (U.S. 1449127) in—
Yeast cultivation

Metallurgical

Process material (U.S. 1167966) in—
Rustproofing processes

Petroleum

Neutralizing agent (Brit. 408003) in making—
Cyclic hydrocarbons by hydrogenation from—
Oil
Oil and coal mixtures

Wood

Fireproofing agent

Pentaerythritol Tetrabenzoate

Explosives

Ingredient (U.S. 1432321 and 1478892) of—
Smokeless powders and other explosives

Sodium Tetraphosphoglucosate

Chemical

Chemical agent said to offer following properties—
Colloid
Forms suspensoids with heavy metals preventing precipitation and stabilizing supersaturated solutions
Goes into solution readily with hot water
Greenish-brown to yellowish-brown color
Keeps indefinitely, but solution hydrolizes on standing
Mildly acid but gives a weakly alkaline solution
Viscous

Mechanical

Inhibitor of—
Depositions from lime-softened waters
Scale formation in boilers and cooling water systems
Sludge in boilers
Remover of—
Scale from boiler systems
Scale from cooling water systems

Miscellaneous

Corrosion inhibitor in—
Water systems

Trilaurylpyridinium Phosphite

Lubricant

Starting point (Brit. 457548) in making—
High-pressure lubricants, die-making lubricants, boring oils, drilling oils, cutting oils, and wire-drawing oils by solution, dispersion, or emulsification in carriers, such as mineral, vegetable, or animal oils, paraffin, water, graphite, grease, or porous bearing metal

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INVESTOR with chemical background and good business experience, wishes to purchase active partnership in sound business having opportunity for expansion; or will purchase business from retiring owner. Will consider starting new venture or promoting interesting product. BOX 104, Oil, Paint and Drug Reporter.

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FOR SALE—Proctor & Schwartz atmospheric tray dryer, 2,400 sq. ft.; Gordon Davis 2-truck dryer; Oliver 3 ft. x ½ ft. lab. rotary filter; No. 7 and No. 10 Sweetland filters; four Anderson expellers, motor driven, with tempering apparatus; four 7x5 ft. pebble mills; 9x24, 12x30 and 16x40 inch roller mills; Lehman 16x40 inch 3-roll water cooled inclined roller mill, 3x8 ft. rotary steam tube dryer; No. 30 Devine vacuum shelf dryer; No. 00, No. 0 and No. 1 Raymond mills; Gruendler 50 H.P. hammer mill; Stedman 42 inch disintegrator; three 900 gal. closed, jack., agitated kettles; 32 inch copper basket centrifugal; 36 inch copper coating pan; jacketed, agitated vacuum stills; copper, aluminum, steel and glass lined kettles and tanks; Hammer mills; crushers and pulverizers; powder mixers, tablet machines, ½ in. to 2½ in., single punch and rotary; filter presses to 36 in. sq.; disc filters; iron mills, portable agitators; bottle fillers and washers. Only partial listing. Write for chemical bulletin No. 128 and pharm. bulletin No. 113. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

Equipment Offered

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE—Patterson 1,000 gal. mixing tanks; Ross 26 in. stone mills with iron mill feeds; Day Jumbo jacketed mixer, 600 gals.; pebble and ball mills, 50 to 1,000 gals.; Day, Ross roller mills, 12 in. x 32 in.; Day powder mixers, 200 to 2,000 lbs.; jar mills, 1 to 10 gals.; pony mixers, 8 to 40 gals.; Shriver wood and iron filter press, 12 in. to 42 in. square; steel jacketed mixing tanks; colloid mills, U. S. and Premier, etc. Send for latest bulletins. Brill Equipment Corporation, 183 Varick street, New York City.

Equipment Wanted

WANTED — For chemical plant, filter press, jacketed kettle, vacuum dryer, powder mixer, pulverizer. No dealers. BOX 979, Oil, Paint and Drug Reporter.

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Positions Vacant

SALESMAN for Pacific Coast territory to make headquarters in San Francisco with previous experience selling flavors and essential oils and knowledge of chemistry preferred. Write full particulars, experience, indicate remuneration expected and enclose photograph. BOX 970, Oil, Paint and Drug Reporter.

Positions Vacant

CHEMIST or chemical engineer, for position as superintendent chemical plant production in agricultural insecticides. Ability to handle men essential. Eastern location. State age, experience, training, salary, recent snapshot. BOX 984, Oil, Paint and Drug Reporter.

EXPERIENCED TABLET coater wanted; man with pharmacy degree and some experience also in granulation and compressing preferred. Good salary and prospects for advancement. Firm in Metropolitan New York. BOX 997, Oil, Paint and Drug Reporter.

CHEMIST WANTED, with full experience in production and application of thermoplastic and thermosetting plastics and resins to the industry. Apply stating full details of experience and salary desired. BOX 100, Oil, Paint and Drug Reporter.

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EXECUTIVE MANAGER (pharmacist-chemist), dynamic energy, New York to California sales promotion experience, seeks big job; pharmaceuticals, surgicals, chemicals, etc. Salary or part-salary part-ownership arrangement. Responsible, Philadelphian. Sales director, inside or field, equally satisfactory. Write in confidence. BOX 990, Oil, Paint and Drug Reporter.

WORKING FOREMAN, ten years' experience in making lacquers, color matching, laboratory work; good on formulas. BOX 101, Oil, Paint and Drug Reporter.

CHEMIST-LIBRARIAN, M.A. ('36), Columbia University. Background of applied technology (metals, petroleum, organic synthesis), practical library and trade paper experience. Patent and literature surveys. Research in all phases of chemical economics, marketing, and product promotion. BOX 102, Oil, Paint and Drug Reporter.

CHEMIST—Experienced in formulation, research, control and production of lacquers, dopes, enamels, varnishes, tung oil substitutes, resins, esters, waxes, colors and other surface coatings; technical sales service—desires position with future. BOX 105, Oil, Paint and Drug Reporter.

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Supplies of; Purchasing and Contracting Officer, Medical Section, N. Y. General Depot; invitation 23, opening August 26.

Ethyleneglycol:—6,375 gallons; Contracting Officer, Materiel Division Wright Field, Dayton; circular 267, opening August 22.

Fertilizer:—10 tons; Chief, Regional Service Operations Division, Department of Agriculture, Soil Conservation Service, Milwaukee, Wisc.; invitation R5-SCS-2208, opening August 23.

Glycerin:—22,000 pounds for Chicago and Perry Point, Ill.; Procurement Division, Veterans Administration, Washington; invitation 53, opening August 30.

Liming Materials:—Supplies of; Division of Purchases, Sales and Traffic, Department of Agriculture, Washington; invitation 303, opening August 30.

Naphthalene, Flake:—25,000 pounds; Depot Quartermaster, Marine Corps, Philadelphia; schedule 238, opening August 21.

Paints:—Supplies of; Depot Quartermaster, Marine Corp, Philadelphia, Pa.; schedule 251, opening August 23.

Soap:—260,250 pounds; Depot Quartermaster, Marine Corps. Philadelphia; schedule 247, opening August 23.

Scouring Compound:—90,000 pounds; Procurement Division, Treasury Department, Washington; invitation 8609-S3, opening August 23.

Soap, Automobile:—20,000 pounds; Procurement Division, Treasury Department, Washington; invitation 8609-S3, opening August 23.

Green:—20,000 pounds for Chicago and Perry Point, Ill.; Procurement Division, Veterans Administration, Washington; invitation 56, opening August 22.

Soda Ash:—90,000 pounds, Procurement Division, Treasury Department, Washington; invitation 8609-S3, opening August 23.

Cyanide:—1,100 pounds; Commanding Officer, Picatinny Arsenal, N. J., procurement 301, opening August 23.

Hyposulphite:—14,000 pounds; Procurement Division, Treasury Department, Washington; invitation 8604-S3, opening August 21.

150,000 pounds; Procurement Treasury Department, Washington; invitation 8613-S3, opening August 21.

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Magnolia Petroleum Company, Oklahoma City, subsidiary of Socony-Vacuum Oil Company, will build 200 miles of 4½-inch pipeline to connect its Fort Worth refinery with Oklahoma City.

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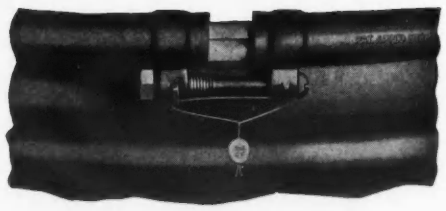

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